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ADMINISTRATION REPORT

FOR THE YEAR

1915-1916,

PART II.

IRRIGATION WORKS

ACCOUNTS AND STATISTICAL STATEMENTS.

(PART I—CIVIL AND MILITARY WORKS AND RAILWAYS IS ISSUED SEPARATELY.)

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ADMINISTRATION REPORT

OF

IRRIGATION WORKS IN THE BOMBAY PRESIDENCY FOR 1915-16.

I.—GENERAL.

A.—DETAILS OF DIRECT EXPENDITURE.

In the year 1915-16 the direct expenditure (excluding collection charges) on all the Irrigation Works throughout the Presidency amounted to Rs. 86¾ lákhs compared with Rs. 96⅔ lákhs in the previous year, and Rs. 91 lákhs, the average of the last three years. The total is classified and divided between the Presidency proper and Sind as follows :—

	Deccan and Gujarát.	Sind.	Total.
	Rs.	Rs.	Rs.
Works	33,95,324	6,56,265	40,51,589
Repairs	4,85,910	22,50,155	27,36,065
Establishment*	9,43,305	8,51,547	17,94,852
Tools and Plant	49,350	43,834	93,184
Refunds of Revenue	19,455	.....	19,455
Gratuitous Relief	.....	.....	.....
Suspense Account	—15,842	586	—15,256
Receipts on Capital Accounts	—3,119	.....	—3,119
Total ...	48,74,383	38,02,387	86,76,770

2. The distribution of the above expenditure under Major heads of Accounts is given below :—

Heads.		Amount.	Remarks.
	Rs.	Rs.	
Capital Account—			
Major Works—			
Protective Works	... (a) 36,59,409		
Productive Works	... 2,77,576		
		39,36,985	Imperial
Minor Works and Navigation—			
Works for which Capital and Revenue Accounts are kept	... .	1,76,670	Half Imperial and half Provincial.
Revenue Account—			
Major Works—			
Protective Works	... 3,24,828		
Productive Works	... 12,54,435		
		15,79,263	Do.
Minor Works and Navigation—			
Works for which Capital and Revenue Accounts are kept	... 5,91,637		
Works for which only Revenue Accounts are kept	... 11,18,024		
		17,09,661	Do.
Works for which neither Capital nor Revenue Accounts are kept—			
Agricultural Works	... 11,95,085		Do.
Contribution Works	... 40,589		Deposit contribution.
		12,35,674	
Construction of Protective Works	... .	38,517	Imperial.
Famine Relief outlay on Irrigation Works ...	... .	.....	
	Grand Total ...	86,76,770	

(a) Includes expenditure in England, Rs. 15,136.

B.—FIGURES FOR CAPITAL WORKS ONLY.

3. The receipts on Capital Irrigation Works alone compared with the year's expenditure show a profit of Rs. 30,75,755 in Sind and a loss of Rs. 29,47,490 in the Deccan and Gujarát :—

Class of works.		Direct Receipts.	Indirect Receipts.	Total Direct and Indirect Receipts.	Direct expenditure.		
					Capital.	Working expenses (including the share of collection charges).	Total.
		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Major Irrigation works	Deccan and Gujarát.	14,26,676	4,109	14,30,785	38,25,467	6,08,307	44,33,774
	Sind	1,87,703	30,42,422	32,30,125	2,77,576	11,80,867	14,58,443
Minor Irrigation works for which Capital and Revenue Accounts are kept.	Deccan and Gujarát	1,69,433	3,302	1,72,735	10,612	1,06,624	1,17,236
	Sind	74,983	18,32,648	19,07,631	.....	6,03,558	6,03,558
Total Deccan and Gujarát ...		15,96,109	7,411	16,03,520	38,36,079	7,14,931	45,51,010
Total Sind ...		2,62,686	48,75,070	51,37,756	2,77,576	17,84,425	20,62,001
Grand Total, Deccan and Gujarát and Sind, 1915-16		18,58,795	48,82,481	67,41,276	41,13,655	24,99,356	66,13,011
Grand Total, average of last three years ...		18,66,632	44,05,068	62,71,700	40,75,250	24,56,679	65,31,929

4. The area under irrigation showed, on the whole, an increase of 2·6 per cent. only on the average of the last three years; there was, however, large decrease in the Deccan due to seasonable rainfall, which was counterbalanced by the increase in Sind. These areas and estimated value of the crops grown are contrasted in the following statement :—

Capital Works.	Area.			Value.		
	1915-16.	Average of 3 years ending 1914-15.	Difference.	1915-16.	Average of 3 years ending 1914-15.	Difference.
	Acres.	Acres.	Acres.	Rs.	Rs.	Rs.
Major Works—						
Deccan and Gujarát ...	107,746	149,287	−41,541	1,35,57,330	1,23,27,448	12,29,882
Sind	1,368,183	1,291,225	76,958	3,23,93,944	3,32,19,662	−8,25,718
Total ...	1,475,929	1,440,512	35,417	4,59,51,274	4,55,47,110	4,04,164
Minor Works—						
Deccan and Gujarát ...	28,629	38,217	−9,588	13,02,225	16,21,866	−3,19,641
Sind	956,012	919,550	36,462	2,32,35,132	2,23,14,169	9,20,963
Total ...	984,641	957,767	26,874	2,45,37,357	2,39,36,035	6,01,322
Grand Total ...	2,460,570	2,398,279	62,291	7,04,88,631	6,94,83,145	10,05,486

NOTE.—For further details see Statements III-E and IV-E of Statistical part of Irrigation Administration Report.

C.—FIGURES FOR OTHER THAN CAPITAL WORKS.

5. These may be works for which only Revenue Accounts are kept, or works for which neither Capital nor Revenue Accounts are kept. The former are termed Second Class Irrigation Works in the Presidency (excluding Sind). The receipts on these works are principally in the form of a share of the Land Revenue and are termed "Indirect" and as such are book credits, so that figures of revenue appearing in the Finance Accounts, as distinguished from the Statistical Statements accompanying the Irrigation Administration

Report, are very small, being for direct revenue only, *viz.*, proceeds from sale of water, etc. The area of irrigation on these very numerous works is always large, but it fluctuates to some extent with the seasons. The following statements give a comparison of this year's and the average of the last three years' figures :—

Class of works.	Revenue.			Expenditure.	Net Revenue.
	Direct.	Indirect.	Total.		
MINOR WORKS.	Rs.	Rs.	Rs.	Rs.	Rs.
Works for which only Revenue Accounts are kept. Deccan and Gujarát	10,321	5,16,317	5,26,638	3,29,484	1,97,154
Works for which only Revenue Accounts are kept. Sind	57,614	25,27,109	25,84,723	9,90,936	15,93,787
Total for 1915-16 ...	67,935	30,43,426	31,11,361	13,20,420	17,90,941
Average total for triennium ending 1914-15 ...	83,043	30,72,412	31,55,455	14,65,097	16,90,358
Works for which neither Capital nor Revenue Accounts are kept. Deccan and Gujarát	9,805	.....	9,805	56,602	-46,797
Works for which neither Capital nor Revenue Accounts are kept. Sind	14,479	9,47,027	9,61,506	12,25,790	-2,64,284
Total for 1915-16 ...	24,284	9,47,027	9,71,311	12,82,392	-3,11,081
Average total for triennium ending 1914-15 ...	23,556	9,50,657	9,74,213	14,83,890	-5,09,677
Grand Total for 1915-16 ...	92,219	39,90,453	40,82,672	26,02,812	14,79,860

NOTE.—In this report whenever the average is referred to, it is the average of the last three years, unless otherwise defined.

Class of works.	Area.			Value of crops.		
	1915-16.	Average of triennium ending 1914-15.	Difference.	1915-16.	Average of triennium ending 1914-15.	Difference.
	Acres.	Acres.	Acres.	Rs.	Rs.	Rs.
Minor Works— Works for which only Revenue Accounts are kept— Deccan and Gujarát ...	144,198	140,426	3,772	38,90,853	38,03,389	87,464
Sind	1,020,659	1,160,837	-140,178	2,36,12,360	2,58,14,835	-22,02,475
Total ...	1,164,857	1,301,263	-136,406	2,75,03,213	2,96,18,224	-21,15,011
Works for which neither Capital nor Revenue Accounts are kept— Deccan and Gujarát ...	1,446	1,173	273	56,737	35,003	21,734
Sind	32,813	33,277	-464	7,76,674	8,55,061	-78,387
Total ...	34,259	34,450	-191	8,33,411	8,90,064	-56,653
Grand Total ...	1,199,116	1,335,713	-136,597	2,83,36,624	3,05,08,288	-21,71,664

D.—REVIEW OF IRRIGATION.

Description of irrigation.

6. In Sind, the rainfall is usually negligible and the cultivation depends almost entirely on canal irrigation. The canals depend for their supply on the inundation of the river Indus.

7. In the Deccan and Gujarát, cultivation being mainly dependent on rainfall, the tanks and canals are useful to counteract the evil effects of a deficient rainfall. The irrigation schemes in this part of the country involve the construction of storage reservoirs and are costly, compared with those in Sind.

Inundation and rainfall in Sind.

8. The inundation of 1915 was on the whole an exceptionally low one; the rainfall was also scanty; the only way to ward off disaster was, therefore, to resort to a very rigid

system of rotation and it was done with great success and consequently, in spite of the low river level and insufficient supplies in some of the canals, the year was not by any means a bad one.

Rainfall in the Deccan and Gujarát.

9. In Gujarát the rainfall during the year was much below the average, but in the Deccan it was more favourable and consequently there was less demand for water.

Area and cost.

10. The area irrigated in Sind was over 3 million acres which is equal to about a quarter of the culturable area of the Province and the gross revenue was nearly 87 lákhs of rupees, while the capital expenditure to date on irrigation works has been Rs. 324 lákhs.

11. In the Deccan and Gujarát, the total area irrigated was 282,000 acres only out of 27½ million acres of culturable land and the revenue from all sources was over 21¼ lákhs of rupees. For these works the capital cost up to date has been over 593 lákhs. The gross return per acre is always much greater in the Deccan than in Sind, but the return on capital expenditure is less than in Sind.

II.—SIND.

1.—NATURE OF INUNDATION AND RAINFALL.

Character of Inundation.

12. The inundation of 1915 was, on the whole, an exceptionally low one and resembled the inundations for the years 1898, 1902 and 1907 as being one of the lowest on record. A peculiar feature of the year was an unusually high river at the commencement of the season, giving promise of a very favourable inundation which, however, was far from realized.

13. The river began to rise in May and, with several fluctuations, reached a maximum of 12·7 feet on the Bukkur gauge on the 26th August. Readings of 12 feet and over were recorded on this gauge for five days only and the water never reached the "fair irrigating level" of 13 feet whereas this level was reached for a period of 45 days in the previous year and 16 days in the year 1913.

14. At Kotri the river is now consistently higher than in former days. The "fair irrigating level" of 17 feet on the Kotri gauge was recorded on the 20th May, but the flow soon began to diminish and after some fluctuations the level fell to 14·9 on 3rd July 1915. After this the river began to rise fairly steadily until 19·6 was recorded on 31st August. Readings of 17 feet and over were recorded for 65 days as against 100 days in the previous year and 66 in the year 1913.

Rainfall.

15. During the year there was only a scanty rainfall and the kharif crops therefore got little help from this source. Rotation and other measures, however, were resorted to, which considerably improved matters, and averted what would otherwise have been a disastrous year for agriculture.

2.—INDUS RIGHT BANK DIVISION.

(i)—WORKS FOR WHICH CAPITAL AND REVENUE ACCOUNTS ARE KEPT.

Desert Canal.

16. This canal on the northern frontier of Sind had on the whole a very good supply but rotation had to be introduced to supply wants at the tails of the branch channels. Though the full supply gauge reading was only obtained on 5 days the full designed discharge of 2,750 cusecs flowed on 48 days.

17. The new cut made from the Desert Canal to supply the Adiowah was unfortunately an unqualified failure and its designed depth of 5 feet of water was never obtained.

Unhárwah.

18. The Unhárwah was opened on 1st June as usual, and the supply was satisfactory throughout. The designed full discharge flowed on 35 days, though the full supply level was actually recorded for only 8 days. Irrigation was above the average. There is still a somewhat inadequate supply at the tail due to certain karias between miles 17 and 33 drawing off much more water than they are entitled to.

19. The branches except Ghauspur and Khanwáh worked satisfactorily.

Begari Canal.

20. This, the most important of systems north of Sukkur, had an excellent supply. The canal flowed full for 16 days.

21. Some deficiency was experienced in the karias taking off directly from the main canal between miles 19 and 31, but all the branch canals worked excellently with the exception of the newly constructed Choi Branch which had an average discharge.

22. Two big breaches occurred in the tail portion of the Begari Canal at miles 74/1 and 75/3. These were closed with the help of zemindars and no serious damage was done.

Mahiwah.

23. The Mahiwah is the largest canal on the right bank above Rohri and is fed by the Gudu Dhand. The set of the river was on the left bank, so the Mahiwah had a poor supply but with timely and judicious rotations it worked satisfactorily. The Mahiwah project is incomplete, but the works remaining to be done (1) widening the Mahiwah main canal, (2) sluice at head of Khambra distributary, (3) road culvert in Khambra distributary at mile 1/3, have been abandoned, and the construction of Mirkosh branch has not yet been begun.

24. On the Sukkur Canal the northern mouth, the Rahuja head, was opened on the 25th May 1915 with 10 feet at Bukkur but owing to heavy erosion above the feeder dhoro this mouth was soon blocked with silt varying from 6′ to 8′ deep and the dhoro ceased to flow on the 5th June. As it was not advisable to open the old Sukkur head at that time a new cut had to be made as expeditiously as possible. A suitable place was found, and a new cut was promptly made from the river bank 1,200 feet in length, 2 feet in depth and 20 feet in width. This was completed in 5 days, and when water was let in it scoured a bit and acted so well that not the least deficiency of water was felt on the Sukkur Canal thereafter. Sukkur Canal.

25. To the south of Sukkur on the right bank the Ghar, which is one of the largest in Sind, was opened on the 21st of May with a gauge reading of 6′ at its head and 10′ on Bukkur gauge. The promise at the commencement of the season of a good supply caused a greater area of land to be brought under cultivation but the subsequent low river caused disappointment and this canal was the least satisfactory in the district. In addition to the low river level, the dhand at the head of the canal became unfavourably situated and part of it has silted up. It is proposed to remedy the defect during the current working season by putting an earthen dam across the tails of Ghar Dhand and Chach Dhoro and to construct some groynes on the left bank of the Ghar Dhand to narrow the section at the point where the canal takes off. Ghar Canal.

26. The Fordwah, on the other hand, which is feeder of the Ghar Canal, taking off from the Ford Dhand and meeting the Ghar Canal at its 25th mile, worked quite satisfactorily. The Ghar Canal and branches below the 25th mile, mostly, if not solely, depend for their water-supply upon this feeder. Even during the present low inundation, the branches, *viz.*, Naurang, Nurwah and Kur Dato, worked fairly satisfactorily.

27. On account of the heavy erosion of the river, the Chach Dhoro, feeding the Ford Dhand, was eroded and the current of the river is such that erosion will probably continue, and it is proposed to make a fresh cut from Chach Dhoro to tail into the Ford Dhand sufficiently far away from the action of the river.

28. The Sattah, in the extreme south of Sind on the left bank of the Indus, derives its supply from a "Kohri" which is fed from the river by an artificial cut where heavy clearance is necessary every year. The supply was, on the whole, sufficient and the wastage of water in low lands has been curtailed by the reduction of karia sluices in the first 12 miles. Sattah Canal.

(ii)—Works for which only Revenue Accounts are kept.

29. The principal canals under this head are the Sind, Western Nára, Pinyari, Kalri and Baghar Canals.

30. The Sind Canal, taking off from the Indus between the Begari and Sukkur Canals, was favourably placed for the set of the river and had an excellent supply throughout the season: in fact regulation was necessary to prevent breaches. Most of the lift lands got flow water. In order to improve the supply for lands between miles 2 and 4 a cross regulator at mile 5 may be necessary. The big karia Mirwah, taking off the tail of the Sind canal, has hitherto been controlled by zemindars, its section was irregular and proper clearance was never done. Also influential zemindars interfered with the proper distribution of water and the cultivation suffered, with the result that the remissions were heavy. This karia has therefore been taken over by Government and was remodelled during the year under report. Sind Canal.

31. The large Western Nára system is south of the Ghar Canal on the right bank of the Indus. It was opened with 4 feet of water on 12th May with 8·5 on the Bukkur gauge. Except in the upper reaches of the canal, the supply was generally insufficient and rotation and other aids had to be resorted to; these resulted in a fair outturn. The improvements mentioned last year have not yet been carried out. Western Nára.

32. The new feeder takes off from the Kambrani Dhand and enters the Nára at mile 32/3. It silted heavily and did not discharge its functions properly. To remedy this, its tail has been diverted to about a mile further downstream meeting the Nára after the latter has emptied some 800 cusecs into the Dhamrao. The result of this will be watched in the abkalani of 1916.

33. The Pritchard Canal is the second feeder to the Western Nára, and the new mouth to this canal worked well except that it brought in a lot of silt. The cultivation on the Pritchard Canal itself decreased as the lands on it are highly placed.

34. This canal is a little south of Jherruck but on the left bank, and is the chief source of supply to the Pinyari, Sujawal and Shah Bunder Sub-Divisions on the left bank of the Indus. Pinyari.

35. The supply in the main canal fluctuated considerably throughout the season and rotations were resorted to at its regulators almost continuously; these proved most beneficial. The local prejudice against rotation, as being disastrous to the rice crop, was successfully disproved and the outturn of crops averaged 12 annas, a most satisfactory result, considering the state of the river.

Kalri.

36. The Kalri Canal takes off from the right bank of the river Indus north of Tatta and runs south-west through the Tatta Táluka and tails into the Mirpur Sakro Táluka. The canal with its branches worked very satisfactorily. Certain proposals for improving the water-supply in the lower part of the Kalri are still under consideration.

Baghar.

37. The Baghar is one of the deltaic mouths of the river Indus and takes off from right bank of the river south of the town of Tatta. It runs through the Baghar Sub-Division and tails into the sea through the Shisha creek. It started to flow on 9th April, having no head regulator, but suffered from deficiency due to the fluctuating inundation, and as there are no means of regulation along this canal only the lowest lying lands could be irrigated this year, and very large tracts dependent on this canal suffered considerably.

Unfinished works.

38. The following are the principal original works under this head which were either commenced during the year under report or in the previous year but still in progress :—

	Expenditure during 1915-16.
	Rs.
(1) Taking over zemindari karia Mirwah *ex*-tail of Sind Canal and remodelling it	6,251
(2) Providing pitching in the bed of Colonel Fife's Channel below head regulator	1,673
(3) Constructing a head regulator on the Phitta Canal at mile 3/2	6,717
(4) Constructing a head regulator over the Chario Wahur Canal	10,479
(5) Improvements to Dhamrao Canal *ex*-Western Nára ...	526
(6) Providing drainage channel for deh Karampur and Araro, táluka Mirpur Bathoro	3,600

39. In the Shikarpur Canals District the cultivation on the left bank north of Rohri which is dependent on floods was considerably less than that of the previous years. The absence of rainfall combined with low river level caused much harm to kharif cultivation, and the absence of the usual floods has made matters worse as there is very little return from bosi rabi.

Karia Heads.

40. Throughout the year the policy of doing away with unnecessary karia heads, and having permanent sluices of correct size built, wherever possible, was steadily and systematically pursued on all canals.

3. INDUS LEFT BANK DIVISION.

(i)—Works for which Capital and Revenue Accounts are kept.

41. The canals in the Indus Left Bank Division fall under two groups, *viz.* (*a*) the Eastern Nára System and (*b*) canals taking off direct from the Indus.

42. Under (*a*) are the Nára River, the Jamrao, Mithrao, Khipro, Thar and Hiral canals, of which the Khipro canal flows during the inundation only, the others being perennial. The Thar, though classed as perennial, is closed on or about the 1st December each year to save the country round about from being waterlogged.

43. Under (*b*) are the Dad, Nasrat, Fuleli, Hasanali and a large number of smaller canals, all being classed as inundation canals though the Fuleli receives a fair rabi supply.

(*a*) *Canals taking off from the Eastern Nára.*

Nára Supply Channel.

44. This is an artificial channel 12 miles in length taking off the river on its left bank above Rohri and forming the mouth to the Nára, an ancient course of the Indus. As the year's inundation was exceptionally low, no regulation at the head of the Supply Channel was required and, due to the absence of Ghotki floods, there was no silting. In spite of the low river the channel discharge was good and there was a complete absence of the difficulties experienced during the previous year's abkalani* of keeping the head regulator and railway bridge free of the usual accumulation of rubbish.

* Flood season.

45. The Ghotki Flood Diversion bund or protective embankment mentioned in last year's report was commenced and the first thirteen miles of its length have been completed at a cost of approximately 1½ lákhs rupees. This bund will be eventually 29 miles long and should be wholly completed in the coming year.

The Nára.

46. The Nára, from the end of the Supply Channel to the Jamrao, is about 96 miles and from the Jamrao to the Thar weir about 100 miles in length. The Nára commands over 500,000 acres of culturable land. Figures of cultivation are available only for the portion in the Eastern Nára District. The area cultivated during the year on the Nára in this district was somewhat less than the average of the previous three years.

47. From the Jamrao weir to the Khipro canal the bed of the Nára River is in fairly good order. The silt which had accumulated below the Makhi regulator is gradually being

scoured away by the extension of the banks, confining the Nára to its proper channel. These banks have been extended to nearly 8 miles and, as funds permit, should be extended up to Chotiari, a total distance of about 14 miles, in order to remove completely the silting trouble below the Makhi regulator.

48. The Jamrao is gradually regaining its high area of irrigation as the supply from the Nára has been steadier in recent years. Jamrao Canal.

49. The condition of the river at the head-works remains satisfactory. Both the channel approaching the weir and tail channel have maintained a good section, and the previous year's erosion at the upstream end of the island above the weir has been practically arrested. There has consequently been no heavy silt deposit at the head regulator.

50. The abnormally low river level in the rabi season did not permit of scouring out the silt in the first 7 miles of the main canal, and the canal bed below the 7th mile falls has now practically silted up to the crest of the fall. In order to get down the full kharif discharge the groynes which have acted so well in producing a regular channel are being set back to give a width of 175 feet (the width now averages 150'). Failing a suitable scour, as a result of this measure, a resort to manual labour will be necessary at considerable expense.

51. The area cultivated during the year on this canal was well above the average of the previous three years. The increase in cultivation was in the rabi crops, and the area under cotton decreased due to the low price of cotton in war time.

52. An allotment of new land to the extent of 7,842 acres was made, of which Punjab colonists received nearly one-half.

53. Thirty miles south of the Jamrao head-works, the Mithrao takes off from the Nára above the Makhi weir. The supply was only moderate and the deficiency in the reaches below the 57th mile was overcome by a further adjustment of the sluices and the careful control at the various canal regulators. Mithrao Canal.

54. The new 30th and 45th mile distributaries will come into operation in the kharif season of 1916 but the construction of the new Makhi Distributaries has been postponed for lack of funds. Some time will therefore elapse before the extravagant supply of water now drawn off by so many karias can be put a stop to.

55. The area cultivated was well in excess of the average of the previous three years.

56. Owing to the soil in the Hiral tract being 'kalar' and some of the land having become waterlogged, rice cultivation has been temporarily permitted on this canal for two years, 1915-16 and 1916-17. The water-supply was sufficient, but the irrigated area was slightly less than average. Hiral Canal.

57. New grants and the restoration of 638 acres were balanced by a fresh forfeit of 1,224 acres.

58. Rotation was resorted to for nearly five months on the Thar and the area irrigated was a little below the average. Thar Canal.

59. The supply in this canal is precarious as there is no regulator on the Nára where it takes off. A project to make this a branch of the Mithrao and give it a supply from above the 9th mile regulator has been sanctioned, but work cannot be commenced while the present unfavourable financial conditions prevail. Khipro Canal.

60. Very careful management resulted in cultivation somewhat above the average.

(*b*) *Canals taking off direct from the Indus.*

61. Rotations on this canal enabled the water-supply to suffice for the cultivation of nearly the average area and this was in spite of heavy erosion above the mouth of the Lundi dhand feeding the Nasrat which caused silt to accumulate to a depth of 4 feet at the head of the dhand. The Nasrat, consequently, stopped flowing early in the season and the attempts made to remove the silt by means of the dredger Mudlark did not meet with success. The canal flowed from 8th May till 21st September. As the erosion above the mouth of the Lundi dhand continued after the abkalani, the dhand had to be abandoned and a new feeder, direct from the river, has been excavated some 10 miles downstream of the mouth of the Lundi dhand to serve as a feeder to the Nasrat Canal. Nasrat Canal.

62. The total expenditure on the construction of the karias and kasis has been Rs. 2,88,860 and the recoveries from colonists Rs. 2,96,026.

63. An allotment of 1,456 acres of land was made on this canal during the year.

64. In spite of the low inundation careful and judicious rotations at intermediate regulators prevented any great reduction in cultivation on the Dad Canal. Erosion by the Indus above the Dad Head caused some silting early in the season but a change of the river course in August scoured this away and no harm was done. The canal flowed from 12th May till 12th December. Dad Canal.

65. The total expenditure on the construction of the karias and kasis amounts to Rs. 1,32,574, of which Rs. 1,31,060 have been recovered from the zemindars.

66. New land to the extent of 1,086 acres was allotted during the year.

67. The Ren distributary is fed by the Dad Canal and irrigation was fair. New land to the extent of 7,209 acres was allotted to colonists.

Fuleli Canal.

68. The abnormally low river did not materially affect this canal, which takes off from the river close to Hyderabad. The canal obtained its supply through the original mouth, which, previous to 1912, had given an excellent supply for 40 years or so without any change. Full supply at the Jamshora regulator was not recorded till August 25th, but at the tail, full supply was obtained from July 28th onwards. The rabi supply was also sufficient although the river was 2 feet below the 10 years' average throughout the season. There was some difficulty with the old Fuleli channel due to silting, but the lower mouth is now clear and will give a good discharge next year.

69. The area cultivated during the year was about 385,000 acres just under the average.

Hasanali Canal.

70. This canal below Kotri worked satisfactorily. The Rajwah branch on which sluices were constructed in 1913, worked better, and with a still further reduction of the sluices, the supply at the tail will be assured.

71. The area under cultivation was equal to the average.

Canals in the Hyderabad Canals District.

72. All the canals in the Hyderabad canals District worked fairly satisfactorily and the damage done to canal banks was trifling owing to the low river level. The want of head regulators, by which the water-supply can be controlled, causes considerable damage to such canals in years of high floods. The construction of a regulator over the Great Marak, the most important of these canals, has been administratively approved by Government and the work will be started as soon as possible.

73. The cultivation, this year, in the whole of the Hyderabad Canals District, will be about 253,500 acres against an average of 290,818 acres.

(ii) WORKS FOR WHICH ONLY REVENUE ACCOUNTS ARE KEPT.

74. The principal canals under this head are the Naulakhi, Mehrab, and Dambhro in the Nasrat Canals District and Ren, Gharo Mahmudo, Kari Shumali and Nasir in the Hyderabad Canals District.

75. These were all well supplied. The new cut to Naulakhi excavated just before the abkalani was satisfactory, but the early cessation of flow in the Lundi dhand caused some deficiency on the Mehrabwah. The new cut to Gharo Mahmudo ex: mile 3 of the Sangrowah, excavated in 1913-14, also worked well, and a bridge was constructed across it.

4.—PROTECTIVE EMBANKMENTS.

76. Although the maximum gauge reading at Bukkur during the year was 12·7 against 17·4 in 1914, the water level against the Kashmor bund was only 2 feet lower than in 1914. Erosion took place all through the abkalani at and below Unhárwah mouth (from mile 9/4 to 10/4) and in the neighbourhood of Begari mouth (from mile 4/3 to 5/2). Hill torrents caused a breach at the northern end of the bund but no serious damage was done.

77. No breaches occurred due to Indus floods. The Tori, Haibat, Unharwah and Gouspur loops were successfully wetted by water pumped into the trenches before the floods came against them.

78. In the Shikarpur Canals District, owing to the low inundation, water did not touch the Kasimpur bund (left bank) nor the Sukkur Begari bund (right bank of Indus) beyond its 21st mile.

79. The important original works carried out and in progress in this District during the year were :—

(1) Constructing a sluice in the Choi loop near mile 28 of Sukkur Begari bund.

(2) Converting the existing seven submerged sluices, constructed over forest karias *ex*-Masoowah to irrigate Wasir forest, into open sluices.

(3) Raising to full bund section the right bank of Colonel Fife's Channel along its length between the front Sukkur Begari bund and Adurtakio loop.

80. In the Ghar Canals District the bunds were in good condition. Water touched a portion of the Mithu Phulu and loop bunds 10 miles 5 furlongs and 3 miles 6 furlongs where there is low ground, when the Bukkur gauge reading was 12·7.

81. In the Western Nára District the total length of the Western Nára bunds is 80 miles 6 furlongs, beginning from Abad and ending on the right bank of the Phittawah. These are being extended to Sehwan in a length of 21 miles and an outlay of Rs. 78,071

was incurred upto 31st March 1916. The maximum depth of water against the Manjhand bunds was 4·4 at mile 5 on the 28th August. No leak or breach occurred any where.

82. In the Karachi Canals District, the river bunds run along both banks of the river Indus for 52 miles on the right bank and 94 miles on the left bank.

83. All the bunds are now raised to a free board of 4 feet above the High Flood Level of 1912, which is equivalent to a free board of 3 feet above the High Flood Level of 1914. They are in good order and have scarcely been touched by the river this year.

84. There has been no abnormally active river erosion but the river at Belo approached to within 174 feet of the bund and consequently a retired loop bund has been constructed from mile 31/2 to 32/4 in the Mulchand Shahbunder bund behind Belo on which Rs. 16,002 were spent. A loop bund behind miles 9/4 to 10/3 of Kokawari bund has also been constructed on which Rs. 6,491 were spent during the year.

85. None of the river bunds in the Left Bank Division had any appreciable depth of water against them.

5.—INDUS RIVER COMMISSION.

86. The works executed and surveys carried out were charged to "43-Irrigation Minor Works and Navigation—Agricultural Works—Works for which neither Capital nor Revenue Accounts are kept". Indus River Commission Works and their classification.

87. The usual topographical surveys of the Indus, dhands and bunds, etc., were made and aggregated 2,298 miles in length. Survey of the Indus.

88. The whole course of the Indus from Rojhan in the Punjab down to the bifurcation, 543 miles, the Haideri 36 miles, and the Ochito 64 miles was surveyed and plotted.

89. The usual surveys for the "Central passage of the Indus" were carried out.

90. The Khairpur Boundary rails, 82 in number, were inspected and six range lines Nos. 30, 31, 32, 33, 34 and 35 were checked. Khairpur Boundary Rails.

91. Gauge readings of the river were taken daily at 10 stations, twice a week at 4 stations and weekly at 9 stations. River Gauges.

92. Discharge observations were continued at Sukkur and Kotri, and observations were made for the velocity at various depths on the silt in suspension and sand waves or the movements of the bed of the river. The results will be published in the Indus River Records. The discharge at Sukkur during the inundation and the minimum discharge of the year, compared with the results of previous years, are as follows :— Scientific Work and discharges of the Indus.

Month.	1911-12.	1912-13.	1913-14.	1914-15.	1915-16.
	C. ft.	C. ft.	C. ft.	C. ft.	C. ft.
June	13,325,000	8,138,000	8,432,000	7,401,000	8,925,000
July	11,725,000	16,227,000	10,586,000	21,453,000	10,756,000
August	10,916,000	17,275,000	13,377,000	18,359,000	11,834,000
September	9,050,000	7,034,000	7,670,000	13,863,000	7,083,000
Total * ...	45,016,000	48,674,000	40,065,000	61,076,000	38,598,000
Average discharge ...Cusecs...	368,984	398,967	328,402	500,623	316,377
Maximum discharge ...Cusecs...	582,742	721,256	621,156	948,728	430,445
Minimum discharge June to September ...Cusecs...	211,089	105,230	108,513	176,894	134,888
Minimum discharge observed throughout the year ... ...Cusecs...	35,311	23,730	23,719	40,664	25,546

*Note.**—These totals and their constituent figures are the sums of the daily observations of the Indus in cusecs. To arrive at its total discharge during the period concerned, the figures given in the table must be multiplied by 86,400 (the number of seconds in a day).

93. The discharge observations at Mithankot above and below the junction of the Chenab with the Indus were continued this year. The minimum discharge was 21,132 and 32,596 cusecs respectively.

Extensions and Improvements and Special Repairs.

94. The estimated cost of the works under these heads sanctioned during 1915-16 by the Indus River Commission for execution by Executive Engineers and by the Commission is given below :—

District.	Extensions and Improvements.	Special Repairs.	Total.
	Rs.	Rs.	Rs.
A.—Indus Right Bank Division.			
Shikarpur Canals	6,922	14,837	21,759
Western Nára	2,03,061	.....	2,03,061
Karachi Canals	3,288	40,895	44,183
Total ...	2,13,271	55,732	2,69,003
B.—Indus Left Bank Division.			
Nasrat Canals	114	.....	114
C.—Indus River Commission.			
Works under the direct control of the Indus River Commission ...	25	.....	25
Grand Total ...	2,13,410	55,732	2,69,142

Maintenance and Repairs.

95. The total expenditure under this head on the several works under the direct control of the Indus River Commission was Rs. 23,105, of which Rs. 2,247 were spent on the River Gauge establishment at Sukkur, Kotri, Jherruck, Khairabad (Punjab) and the Indus Delta.

Total expenditure.

96. The total expenditure incurred and accounted for by the Indus River Commission was :—

	Rs.
Works	32,064
Repairs	23,105
Establishment	1,03,422
Tools and Plant	5,886
Total ...	1,64,477

Snagging operations.

97. The snagging of the Indus and the Eastern Nára was not carried out this year for want of funds on account of war.

Erosion.

98. Heavy erosion occurred at mile 4/7 of the Kashmor bund and at miles 11/0 and 30/4 of the Sukkur Begari bund, the maximum rate of the erosion being 487 feet, 400 feet and 400 feet per week respectively.

Dredger " Mudlark."

99. No clearance work was done this year by the dredger " Mudlark ".

Sukkur Barrage.

100. A separate district has been sanctioned for the preparation of the new Barrage Project, which is to include a large canal both on the right and on the left bank of the river. The barrage is to be placed just below Sukkur, and the designs and estimates have been commenced.

6.—MISCELLANEOUS.

101. In the Karachi Canals District all the nurseries and gardens were kept in good condition and endeavour is being made by the Executive Engineer to extend the plantation of trees along canals and bunds. Tree planting along canals was pushed on vigorously throughout the Begari Canals District and in the Ghar Canals District new nurseries have been started in some of the Inspection Bungalow compounds and are doing very well.

102. In the Left Bank Division the existing plantation on canals and bunds was maintained and a large number of new trees were planted and are thriving.

Irrigation of cotton crops.

103. No Egyptian cotton was grown this year.

104. The following table shows certain details regarding the watering of indigenous cotton crops :—

District.	Lift lands.		Flow lands.		Date of last watering varied from to
	Number of waterings.	Intervals between.	Number of waterings.	Intervals between.	
Nasrat Canals	6 to 9	10 to 16 days.	5	15 to 24 days.	10th to 25th September.
Hyderabad Canals... ...	3 to 7	.....	.....	.....	9th to 26th September.
Fuleli Canals	7 to 9	10 to 25 days.	7 to 9	10 to 25 days.	4th to 12th October.
Eastern Nára	3 to 5	.....	3 to 5	.....	18th August to 14th October.
Jamrao Canal	6 to 12	.....	5 to 12	.....	9th October to 18th December.

III.—DECCAN AND GUJARAT.

1.—NORTHERN DIVISION.

105. No relief was required anywhere and special works were not opened but the ordinary works were expanded in certain distressed localities and the people in the neighbourhood, who were in need of work, were encouraged to go to the works at the ordinary rates of wages. General remarks.

106. In the Panch Mahals, even the smallest tanks proved useful, as the kharif maize crop was saved under them and afterwards the rabi crops were irrigated by the water accumulated by the rains in October. It would be thus apparent that by the restoration of tanks, large and small, some protection is afforded to the villages both for water-supply and irrigation in such years of scanty and fitful rainfall.

(i) FIRST CLASS IRRIGATION WORKS.

107. The rainfall gauged at Ahmedabad and Prantij during 1915-16 was 12·04 and 14·04 inches against an average of 29·00 and 30·20 inches respectively for the last 30 years including the year under report. This is less than half the average and led to a general failure of crops resulting in scarcity throughout the Northern part of Gujarat, though not actual famine. There was only one small flood in the Hathmati River on the 28th June when the water rose 1·50 feet above the weir crest. The canal was opened on 28th June and flowed till 24th August 1915 with an interruption of 5 days. Its maximum discharge was 350 cusecs on 28th June and the minimum 9 cusecs on 11th July. The supply available was utilized for irrigating the lands on the canal itself, the surplus water partially filling the Bokh Reservoir for subsequent use. When there appeared no probability of further rain falling in July water was let into the Khari River and diverted therefrom into the Khari Cut Canal at Raipur to fill the Chandola Tank to R. L. 134, storing about 34 million cubic feet, and half fill the Vasai Reservoir storing 20 million cubic feet, the remainder being utilized in filling the Gam Tanks at Chanindra, Navagam, Bareja, Jetalpur, Ashlali and Narol. The latter proved of great use for village water-supply as there was great scarcity of sweet water for drinking purposes everywhere especially for cattle. The water from the Bokh was let down early in the season with a view to lay bare the bed for cultivation if no more rain fell and to reduce loss on account of absorption and evaporation in transit in the Khari River which is generally very great in drought years. Both these objects were achieved and every drop of water was used to the best advantage and for the first time it may be noted that a trickle of water that could be obtained was made available for 3 or 4 of the most important Kalambandi villages at least for drinking purposes and the people were extremely satisfied with the result. The Hathmati Canal and the Khari system.

108. The special feature of the year was the low duty of water because the cultivation was scattered and the loss in transit was great.

109. The irrigation was only one-tenth of average on the Hathmati and Khari Cut.

110. There was no replenishment in the Wangroli, Tranza Nagrama and Saiat tanks. The Savli Tank supply was very small but it was utilized in irrigating the rabi crops, mainly wheat and gram, of 3 or 4 villages, 550 acres. The construction of the Balada high level canal from the Wangroli Tank has been commenced. Tanks in Kaira.

111. The Futelao Tank at Nani Kharaj in the Dohad Taluka of the Panch Mahals, originally a famine work, was completed. The kharif rainfall was scanty, but better rain fell in October and the tank filled partially, and irrigated 39 acres. A portion of the bed was also given out for cultivation. Futelao Tank.

(ii) SECOND CLASS IRRIGATION WORKS AND AGRICULTURAL WORKS.

Khari Sluices.

112. During the year there being no water in the river Khari at Pinglaj, there was no irrigation at all under the sluices. The Gam Tanks at Navagam, Chanindra, and Mewa Tank at Kathwada, in the Khari sluices, were, however, partially filled for drinking purposes.

Muwalia Tank.

113. The rainfall was only 13 inches during the four months June to September; but 8 inches falling in October partially filled the tank, enabling 743 acres to be irrigated, nearly double the previous average.

Old tanks.

114. Improvements to 144 and repairs to 72 small irrigation tanks in the Gujarat Irrigation District, and repairs to 10 such tanks in the Surat and Broach District were executed at a total cost of Rs. 72,405 and Rs. 35,466 respectively. In the Gujarat Irrigation District, repairs to 13 Talukdari tanks were in progress and the Government share of the expenditure was Rs. 929.

Drainage channels.

115. The drainage channels in the Surat and Broach and the Gujarat Irrigation Districts were maintained.

2.—CENTRAL DIVISION.

116. Since the formation of the Deccan Irrigation Division, the Central Division contains a few irrigation works of importance. The area irrigated on First Class Works was 15,035 acres, being slightly in excess of the average. The assessed revenue, Rs. 1,52,963, was also more than the average.

(i) FIRST CLASS IRRIGATION WORKS.

117. The Ekruk, Ashti and Pathri Tanks and their canal systems in the Sholapur, the Lower Panjhra River Works in the West Khandesh, and the Mhaswa Tank and the Jamda Canals in the East Khandesh Districts constitute the more important of the irrigation works, in the Division. The Ekruk Tank which was, in the first instance, constructed for irrigation purposes only, has, for many years, furnished the town of Sholapur with supplies of water for industrial and domestic purposes.

118. The Jamda Canals in the East Khandesh District forms an important irrigation system, but a drawback is that the river Girna above the Jamda bandhara has a very small cold weather discharge, and unless it is supplemented by a supply from an independent storage work, it is doubtful whether the work can ever be remunerative. At present, the Chankapur Tank in the Nasik District helps the Jamda Canals, as far as possible, but as the Girna Left Bank Canal has the first claim on this storage, it has been decided to encourage on the Jamda Canals 8 months blocks and allow water for sugarcane only to such lands on it as have wells to maintain the crops during the hot weather.

(ii) SECOND CLASS IRRIGATION WORKS.

119. The expenditure on extensions and improvements and maintenance and repairs to the bandharas situated in the Ahmednagar, East and West Khandesh Districts was Rs. 11,153. The area irrigated and the gross revenue assessed were 9,647 acres and Rs. 79,573 respectively.

3.—DECCAN IRRIGATION DIVISION.

(i) FIRST CLASS IRRIGATION WORKS.

(a) Works in existence.

Protective Works.

Nira Left Bank Canal and Shetphal Tank.

120. Of the works in operation, the Nira Left Bank Canal is the largest in the Deccan and is situated in the Poona District.

121. The total area irrigated under this canal during the year 1915-16 is 50,859 acres, yielding a gross revenue of Rs. 5,11,779. This is under the average and the decrease was due to the small demand for rabi crops on account of the favourable late winter rains.

122. Experiments for cultivating sugarcane by the new method in rows 5 feet apart were made in three plots at Baramati and Malad for comparison with the old "Wafa system." The new method was found to have the following advantages, viz., the operation of earthing up can be done by means of bullocks more expeditiously and cheaply than by manual labour, less manure is required, excessive irrigation and consequent deterioration of land is avoided; the same outturn is obtained as under the "Wafa system" with an expenditure of about Rs. 100 per acre less.

123. In order to induce the irrigators to study carefully the advantages of the new method, nearly 200 prominent and intelligent cultivators were taken in parties to the Manjri Farm to see the experiments. Many of these having shown their willingness to try the new method were allowed to cultivate an area of about 200 acres of sugarcane outside of blocks on a one year's lease.

124. *Soil Classification.*—The experimental work of nala clearance and reclamation of salt affected lands was in progress. The experiments consist of the following :—

(1) clearing and deepening nalas so as to make them self-clearing and non-silting.
(2) improving and reclaiming lands affected by water-logging, salt efflorescence, etc.
(3) experimental plantation of useful trees of economic value in lands partially improved.

125. The whole work is still in an experimental stage and about Rs. 5,000 were spent. This work has now been transferred to the Executive Engineer in charge of the new Special Irrigation District.

126. The total area irrigated under this tank during the year is 7,305 acres, yielding a gross revenue of Rs. 40,789. Mhaswad Tank and Canals.

Productive Works:

127. The total area irrigated under this system during the year under report is 11,524 acres, yielding a gross revenue of Rs. 3,71,793. Mutha Canals and Matoba Tank.

128. The revenue realised from the Poona Water Supply amounted to Rs. 1,50,851.

129. Investigations were continued by a special staff to ascertain the causes of the pollution of the water in Lake Fife and to find a remedy for the pollution.

130. A Paterson Filter is being installed at the Poona Water Works, and it will effect a great improvement in the present system of purification of the water. The cost of this plant is Rs. 1,53,700.

131. Data are being collected to enable the Water Supply works to be separated from the Mutha Canal system.

(*b*) *Works under construction.*

132. The Godavari Canals Project comprises the following works :— Godavari Canals.

(1) Lake Beale Storage.
(2) Pick-up weir at Nandur Madhmeshwar.
(3) The Godavari Right and Left Bank Canals.

There was some trouble with the large undersluice gates at Darna. The tank was therefore emptied and it was found that considerable damage had been caused by boulders being forced on to the caging about the sluices. The cage rails were too light and the mortar joints of the masonry had, in some cases, been scoured out. New caging of stout rails and ashlar laid in cement was built in before the arrival of the monsoon floods.

133. *Pick-up weir at Nandur Madhmeshwar.*—The crest has been permanently raised 3 feet by means of a small wall at the upstream edge of the existing weir. This permits of water being raised to 4 feet above the F. S. L. of the canals, and thus allows for an extra storage of 475 million cubic feet and for a fluctuating surface level in this basin.

134. The construction of independent capstan gearing to work the scouring sluices is in progress.

135. *Godavari Right and Left Bank Canals.*—The two canals are now practically completed and the area of irrigation should increase rapidly. The total area irrigated during the year is 18,899 acres yielding a gross revenue of Rs. 1,80,706.

136. The increase in perennial irrigation is satisfactory, whilst that of the rabi is somewhat disappointing, but it is anticipated that, in the future, the irrigated rabi area under the canals will be important. An agricultural instructor has been posted to the Godavari area and he should prove of great value both to Government and the people. Experiments in heavy black soil are being conducted by the Agricultural Department for testing the possibility of growing wheat under irrigation and growing "Pundya" and "Khadya" varieties of sugarcane with different methods of ploughing and manuring. At present there are 14 demonstration plots in cultivators' fields comprising 15 acres where the wide-planting method is being demonstrated.

137. The irrigators under this canal have formed an "Irrigators' Association" and it is hoped by this agency to foster agricultural co-operation and the free discussion of better methods of agriculture and irrigation. Through the medium of this Association not only will first hand information as to the needs and difficulties of the cultivators come to the knowledge of the officers concerned, but the irrigators will become more amenable to the rules and regulations of the Department.

138. The total outlay incurred during the year under report is Rs. 2,13,937 as detailed below :—

	Rs.
Lake Beale Dam	10,230
Godavari Right Bank Canal	1,11,769
Godavari Left Bank Canal	91,938
Total ...	2,13,937

Pravara Canals.

139. This system comprises —

(1) Lake Arthur Hill Storage.

(2) Pick-up weir at Ojhar.

(3) Right and Left Bank Pravara Canals.

The dam was originally designed to be 250 feet high but it is now proposed to make it 270 feet high, increasing the storage from 8,671 million cubic feet to a possible 12,890 million cubic feet. Water will be stored up to 100 feet level this year. The lowest pair of pipes, 3 feet diameter, were laid at R. L. 2,227·63 (50 feet above river bed) with re-inforced concrete protection and the valves were erected. The Ojhar Weir crest has been raised by 18 inches and the weir has been completely strengthened by buttresses.

140. *Pravara Left Bank Canal.*—The new head regulator has been nearly completed, but the canal is still under construction. The old canal was temporarily closed for the work of widening and extension. Water had, however, to be let in for a length of 15 miles on account of unfavourable rainfall during the rabi season, and thus 1,212 acres of crops were saved from withering.

141. The work of widening and extending the old canal was started in 1910. The earthwork of the main canal is almost completed and the construction of masonry works is making satisfactory progress.

142. *Pravara Right Bank Canal.*—The total area irrigated under this canal during the year 1915-16 is 3,694 acres, yielding a gross revenue of Rs. 14,687. The increase in revenue is due to sugarcane.

143. All the works on this canal are completed, including most of the distributaries. The construction of the tail branch and Rahuri distributary is making but slow progress due to scarcity of labour.

144. Most of the land under this canal is particularly well suited for irrigation, and when Lake Arthur Hill dam is completed there will be a marked increase in the area under garden crops and sugarcane.

145. Excellent fruit and flower gardens are being made in the bungalow compounds on both canals ; they yield revenue and at the same time demonstrate the possibility of growing fruit trees, sugarcane and other perennial crops to the neighbouring villages. Special attention is being paid to the plantation of useful and revenue producing trees along the canals.

146. The total expenditure during the year on works was Rs. 6,18,463 as detailed below :—

	Rs.
Lake Arthur Hill Dam	3,75,433
Pravara Left Bank Canal	1,94,108
Pravara Right Bank Canal	48,922
Total ...	6,18,463

Nira Right Bank Canal.

147. This project consists of :—

(1) building a new dam 160 feet high at Lake Whiting,

(2) increasing the capacity of the existing Nira Left Bank Canal ; and

(3) constructing a canal on the Right Bank from Vir upto the Mán River valley for the length of 109 miles.

148. The project was sanctioned in September 1912, and work commenced at once. A revised estimate has been submitted, as an excess of about 25 % is expected on the original figure of Rs. 2,57,72,499.

149. *Bhatghar Dam.*—Most of the excavation for foundations of the new dam has been completed and the foundations have been approved. No bed springs were met with but there is naturally a good deal of percolation especially from the upstream side of the cutting owing to the proximity of the old dam. At the most important part, *viz.*, the river portion, the rock is not so hard and close grained as at other places, but it is a sound solid flow of trap.

150. Masonry has been started at several places between chainages 400 to 5,200 and 1,300,000 cubic feet have been laid. The great difficulty is the scarcity of labour.

151. Before lime burning was commenced, exhaustive trials were made with the lime obtained from Diva and from other depôts. Samples of lime stones were also sent home to Messrs. Henry Faija and Co. Both the experiments and analyses have shown that the Diva lime is sufficiently hydraulic and may safely be used.

152. The construction of the electrical power house has been nearly completed and the electrical plant will be in running in the coming season 1916-17.

153. *Gunjavni Bridge.*—At present the Bhatgar Dam is cut off from access in the monsoon by the Nira River on one side and the Gunjavni River on the other. The Government of India have accorded their administrative approval to the construction of a bridge over the Gunjavni and this is under construction.

154. *Right Bank Canal.*—The canal is designed for 109 miles in length and the command extends up to the Mán River in the Sholapur District, the commanded area being 577,595 acres. The designed discharge at head is to be 1,500 cusecs and the depth of water 8 feet.

155. For the present all the works beyond 80 miles of the canal have been stopped with a view to completing the portion up to mile 79, so as to give water for monsoon irrigation as early as possible. The progress has been good. The labour has been fairly steady and a good number of carts and donkeys were available.

156. The expenditure during the year was Rs. 24,04,905 as detailed below :—

	Rs.
Lake Whiting District	8,02,519
Lonand District	9,03,380
Malsiras District	6,99,006
Total ...	24,04,905

157. The water from the Chankapur Tank is not yet fully utilized. Girna River Works.

158. *Girna Left Bank Canal.*—The total area irrigated under this canal during the year 1915-16 is 1,710 acres, yielding a gross revenue of Rs. 11,773 less than the average. The decrease in the area irrigated was due to timely and copious rainfall in the Girna valley.

159. The extension of the canal is under construction.

(ii) Second Class Irrigation Works.

160. On repairs, extensions and improvements to the bandharas and small village channels, a sum of Rs. 13,935 was spent, being less than usual, due to want of funds.

161. The water-supply for these works was ample on account of timely and copious rainfall and the harvest has been good in general.

4.—SOUTHERN DIVISION.

162. This year again there was a considerable decrease in the area of irrigation in the Southern Division, mainly under the Krishna and Gokak Canals owing to seasonable rainfall. The total assessed revenue showed, however, a very large increase over the previous year as also on the average of the past ten years which was due to more extensive cultivation of sugarcane, principally under the Krishna Canal.

163. The Major and Minor Works of the first class irrigated over 26,000 acres of land, while the numerous second class works in this Division irrigated nearly 75,000 acres.

(i) First Class Irrigation Works.

164. The only Major irrigation work is a small weir and canal system under the Krishna near Karad, south of Satara. Certain improvements to the weir undertaken with a view to enable an extra 4 feet depth of water to be stored, were in progress. The total expenditure on these improvements up to the end of the year under report was Rs. 57,526 against the estimated cost of Rs. 85,226. The gates on the weir crest have still to be put on. Krishna Canal.

165. The most important of the First Class Minor Works in the Division is the Gokak Canal, which consists of a masonry weir across the Ghataprabha River in the Belgaum District and a short length of canal. Gokak Canal.

166. On the weir crest (2,985 feet in length) a temporary wall 2 feet high was constructed, as usual, costing Rs. 1,451, and the additional storage thus obtained proved useful.

167. The area irrigated was hardly more than half the previous 10 years' average, being 4,666 acres.

168. At the request of the Manager of the Spinning Mills at Gokak, instead of the usual 146 cusecs discharge, the daily supply was reduced to 130 cusecs during the 3½ months period ending 3rd May 1915.

169. The lowest water level in the tank was 18 feet above the sill of the sluices. There was thus no failure of supply to the mills. Floods flowed over the weir on the 26th June and the maximum height reached was 3·84 feet over the crest.

170. Compensation for the lands taken up in 1906 for the Gokak Canal Extension was paid in this year, Rs. 1,425.

171. The only other two works taking off direct from rivers without storage are both in the Satara District, the Revari and Chikhli Canals, irrigating 1,000 and 200 acres respectively. Revari and Chikhli Canals.

172. The improvements to the Dharma Canal are still in progress. There was a very good area of irrigation. A revised estimate has been prepared, and the unexpended balance is now Rs. 16,000. Dharma Canal.

173. Of canals furnished with storage works, the three most important are in the Satara District. The Yerla River irrigation works irrigated over 4,000 acres of land yielding a gross revenue of Rs. 17,000. The repairs to the Nehr Tank dam, which had slipped in 1913, were completed at a total cost of Rs. 22,375. Yerla River Irrigation Works, and Nehr Tank.

Maini Tank.

174. The Maini Tank is the second system. It irrigated 1,700 acres with a gross revenue of Rs. 7,100.

Upper Mán River Works.

175. The third system referred to is the Upper Mán River Works with the Pingli Tank as storage. This irrigated about 900 acres, yielding a gross revenue of Rs. 3,600.

Other works.

176. The remaining works are all small tanks mostly in the Dharwar Irrigation District. They irrigated from 100 to 600 acres each.

(ii) Second Class Irrigation Works.

177. Most of the Second Class Irrigation Works are in the Dharwar District and on them depends the success of the important rice cultivation in the hills. During the year repairs to 151 tanks were carried out and the expenditure on them amounted to Rs. 37,600 compared with the previous average of 92,000 rupees.

5.—SCIENTIFIC WORKS.

(a) River Gauging.

178. The gauging of 33 rivers in the Deccan and Gujarat was continued and the expenditure was Rs. 16,306. Before commencing the annual gauging operations, a training class was opened in Poona where practical instruction and demonstrations were given to the old as well as the new gauge karkuns. Ever since the work has been made into a separate sub-divisional charge under a junior Executive Engineer, it has been possible to pay frequent surprise visits to the gauge sites, to inspect the gauges, to check the levels of the gauge plates and to make timely repairs to the gauges, with the consequence that the record of discharges is more reliable than in former years. These figures are published annually by the department. The several rain gauges in the Belgaum and Satara Districts and a river gauge in Kanara District were maintained by the Executive Engineers of those districts.

(b) Experiments on the efficiency of Canals.

179. Another annual publication gives a record of observations for the flow and losses in canal, the quantity of water used for irrigation, and the loss from tanks.

180. Occasional notes are written upon the saturation of earthen dams and the rate of deposit of silt in tank basins for which observations are being made continuously.

ADMINISTRATIVE ACCOUNTS,

PUBLIC WORKS DEPARTMENT

(IRRIGATION),

BOMBAY PRESIDENCY,

FOR THE YEAR

1915-16.

H 1470—1

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	Name of Work.	No. 1 General Abstract of Financial Results.	No. 2 Capital Account.	No. 3 Revenue Account.	No. 4 Interest Account.	No. 5 Account of Indirect Charges.	No. 6 Statement comparing Charges to date with sanctioned estimate.
		Pages.	Pages.	Pages.	Pages.	Pages.	Pages.
	35.—*Protective Irrigation Works.*						
1	Pravara River Canals	4 & 5	8 & 9	10	11	11	12
2	Chankápur Tank	4 & 5	13 & 14	15	16	16	16
3	Godáveri Canal	4 & 5	17	18	19	19	19
4	Nira Canal, including Shetphal Tank ...	4 & 5	20 & 21	22 & 23	23	23	24
5	Mhasvad Tank	4 & 5	...	25 & 26	26	26	...
6	Gokák Canal—First Section	4 & 5	...	...	...	...	...
7	Máládevi Tank	4 & 5	27	...	28	28	28
8	Budhihal Tank	4 & 5	29	...	30	30	30
9	Nira Right Bank Canal	4 & 5	31	...	32	32	32
	49.—*Irrigation Works.*						
10	Desert Canal	4 & 5	...	33	34	34	...
11	Unharwah	4 & 5	35	36	37	37	37
12	Begári Canal	4 & 5	38	39	40	40	40
13	Mahiwah do.	4 & 5	41	42	43	43	43
14	Eastern Nára Works	4 & 5	44	45	46	46	46
15	Jámrao Canal	4 & 5	47 & 48	49	50	50	50
16	Dád do.	4 & 5	51	52	53	53	53
17	Nasrat do.	4 & 5	54	55	56	56	56
18	Navlákhi do.	4 & 5	...	...	57	...	57
19	Háthmati and Khári Cut Canals... ...	4 & 5	...	58	59	59	59
20	Lower Pánjhra River Works	4 & 5	...	60	61	61	...
21	Kádva River Works	4 & 5	...	62 & 63	63	63	...
22	Pravara River Works—Lákh Canal ...	4 & 5	...	64 & 65	65	65	...
23	Mutha Canals, including Mátoba Tank ...	4 & 5	66 & 67	68 & 69	69	70	70
24	Ekrúk Tank	4 & 5	...	71 & 72	72	72	...
25	Krishna Canal	4 & 5	73	74 & 75	75	75 & 76	76
	43.—*Minor Works and Navigation.*						
26	Sukkur Canal	6 & 7	...	77 & 78	....	78	...
27	Ghár do.	6 & 7	...	79 & 80	...	80	...
28	Suttah do.	6 & 7	...	81	...	81	...
29	Alibhar Kacheri Canal	6 & 7	...	82	...	82	...
30	Márak Great do.	6 & 7	...	83	...	83	...
31	Sarfrázwah	6 & 7	...	84	...	84	...
32	Fuleli Canal	6 & 7	...	85 & 86	...	86	...
33	Hasanaliwah	6 & 7	...	87	...	87	...
34	Wangroli Tank	6 & 7	88	89	...	90	90
35	Tránza—Nagrama Tank	6 & 7	...	91	...	91	...
36	Sávli Tank	6 & 7	...	92	...	92	...
37	Sahiat do.	6 & 7	...	93	...	93	...
38	Suki River do.	6 & 7	...	...	...	94	94
39	Futelao do.	6 & 7	95	96	...	97	97
40	Hartála do.	6 & 7	...	98 & 99	...	99	...
41	Mhasva do.	6 & 7	...	100	...	100	...
42	Jámda Canals	6 & 7	...	101	...	101	...
43	Parsul Tank	6 & 7	...	102	...	102	...
44	Pravara Left Bank Canal	6 & 7	...	103	...	103	...
45	Bhátodi Tank	6 & 7	...	104	...	104	...
46	Kásurdi do.	6 & 7	...	105	...	105	...
47	Shirsuphal do.	6 & 7	...	106	...	106	...
48	Bhádalvádi do.	6 & 7	...	107	...	107	...
49	Victoria do.	6 & 7	108	...	...	109	109
50	Koregaon do.	6 & 7	...	110	...	110	...
51	Ashti do.	6 & 7	...	111	...	111	...
52	Páthri do.	6 & 7	112 & 113	114	...	115	115
53	Revári Canal	6 & 7	...	116	...	116	...
54	Upper Mán River Works	6 & 7	...	117	...	117	...
55	Yerla River Irrigation Works	6 & 7	...	118	...	118	...
56	Chikhli Canal	6 & 7	...	119	...	119	...
57	Maini Tank	6 & 7	...	120	...	120	...
58	Muchkundi do.	6 & 7	...	121	...	121	...
59	Gadikeri do.	6 & 7	...	122 & 123	...	123	...
60	Gokák Canal—First Section, and Storage Works	6 & 7	...	124	125	125	...
61	Dámbal Tank	6 & 7	...	126	...	126	...
62	Medleri do.	6 & 7	...	127	...	127	...
63	Madag do.	6 & 7	...	128	...	128	...
64	Asundi do.	6 & 7	...	129	...	129	...
65	Dharma Canal	6 & 7	130	131	...	132	132
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IRRIGATION BRANCH.

PUBLIC WORKS

ADMINISTRATIVE ACCOUNTS

No. I.—*General Abstract of Financial Results showing the estimated Cost of Construction of Major and the Simple Interest on the*

MAJOR

Name of Work.	Estimated Cost of Construction.			Capital Outlay.						Receipts
				During 1915-1916.			To end of 1915-1916.			
	Direct Charges.	Indirect Charges.	Total.	Direct Charges.	Indirect Charges.	Total.	Direct Charges.	Indirect Charges.	Total.	Water-rates, &c.
1	2	3	4	5	6	7	8	9	10	11
35.—PROTECTIVE IRRIGATION WORKS.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Deccan and Gujarát.										
Works in Operation.										
Pravara River Canal ...	71,54,934	4,55,892	76,10,826	7,77,922	26,420	8,04,342	57,35,112	1,84,379	59,19,491	16,021
Chankápur Tank	16,46,304	56,525	17,02,829	37,963	907	38,870	18,24,088	60,722	18,84,810	11,150
Godáveri Canal	93,55,562	4,80,689	98,36,251	2,90,861	12,998	3,03,859	93,55,562	4,80,689	98,36,251	2,09,058
Nira Canal and Shetphal Tank	60,96,736	3,64,335	64,61,071	2,159	16	2,175	60,96,736	3,64,335	64,61,071	5,54,722
Mhasvad Tank	20,05,553	90,463	20,96,016	...	...	...	20,05,553	90,463	20,96,016	43,296
Gokák Canal, First Section ...	4,00,939	11,727	4,12,666	...	...	...	4,00,939	11,727	4,12,666	...
Total, Works in Operation...	2,66,60,028	14,59,631	2,81,19,659	11,08,905	40,341	11,49,246	2,54,17,990	11,92,315	2,66,10,305	8,34,247
Works under Construction.										
Máládevi Tank	3,04,671	9,903	3,14,574	—78	...	—78	3,02,040	9,888	3,11,928	...
Budhihal do.	13,98,529	56,082	14,54,611	191	9	200	4,90,898	18,268	5,09,166	...
Nira Right Bank Canal ...	2,49,71,868	8,00,631	2,57,72,499	25,50,392*	55,532	26,05,924	92,84,807	2,05,848	94,90,655	...
Total ...	2,66,75,068	8,66,616	2,75,41,684	25,50,505	55,541	26,06,046	1,00,77,745	2,34,004	1,03,11,749	...
Total, Protective Irrigation Works	5,33,35,096	23,26,247	5,56,61,343	36,59,410	95,882	37,55,292	3,54,95,735	14,26,319	3,69,22,054	8,34,247
49.—IRRIGATION WORKS.										
Sind.										
Works in Operation.										
Desert Canal	26,40,891	79,665	27,20,556	....	...	...	26,40,891	79,665	27,20,556	93,725
Unharwáh	7,68,050	20,780	7,88,830	3	...	3	7,68,050	20,780	7,88,830	1,053
Begári Canal	24,69,981	64,606	25,34,587	538	5	543	23,72,143	78,544	24,50,687	36,134
Mahiwah	14,45,248	72,108	15,17,356	...	...	...	13,78,375	58,792	14,37,167	2,008
Eastern Nára Works ...	67,77,526	2,34,784	70,12,310	1,01,795	2,870	1,04,665	67,66,264	2,34,271	70,00,535	14,904
Jámráo Canal	86,93,497	2,73,769	89,67,266	1,64,345	4,361	1,68,706	83,70,122	2,51,233	86,21,355	37,416
Dád do.	28,80,784	1,09,135	29,89,919	14,013	615	14,628	25,61,185	93,162	26,54,347	2,037
Nasrat do.	20,14,887	76,731	20,91,618	—3,118	...	—3,118	18,20,144	57,635	18,77,779	416
Total, Works in Operation...	2,76,90,861	9,31,578	2,86,22,442	2,77,576	7,851	2,85,427	2,66,77,174	8,74,082	2,75,51,256	1,87,703
Works under Construction.										
Naulákhi Canal	12,17,935	44,619	12,62,554	...	...	...	5,112	33	5,145	...
Sukkur Barrage Works ...	...	...	...	...	...	...	—284	...	—284	...
Total, Sind ...	2,89,08,799	9,76,197	2,98,84,996	2,77,576	7,851	2,85,427	2,66,82,002	8,74,115	2,75,56,117	1,87,703
Deccan and Gujarát.										
Works in Operation.										
Háthmati Canal and Khari Cut Canal	12,40,983	74,990	13,15,973	...	870	870	12,40,983	74,990	13,15,973	24,891
Lower Pánjhra River Works.	4,45,382	23,239	4,68,621	...	...	...	4,45,382	23,239	4,68,621	13,383
Kádva River Works... ...	9,71,741	62,450	10,34,191	...	...	...	9,71,741	62,450	10,34,191	23,565
Pravara River Works— Lákh Canal	3,52,446	19,445	3,71,891	...	...	...	3,52,446	19,445	3,71,891	2,128
Mutha Canals and Mátoba Tank	75,85,790	2,97,853	78,83,643	1,64,592	4,028	1,68,620	75,84,832	3,00,331	78,85,163	3,67,075
Ekrúk Tank	12,28,117	1,12,269	13,40,386	...	...	...	12,28,117	1,12,269	13,40,386	81,952
Krishna Canal	8,95,262	51,507	9,46,769	1,466	36	1,502	8,91,041	51,435	9,42,476	79,435
Total, Deccan and Gujarát...	1,27,19,721	6,41,753	1,33,61,474	1,66,058	4,934	1,70,992	1,27,14,542	6,44,159	1,33,58,701	5,92,429
Total, 49.—Irrigation Works	4,16,28,520	16,17,950	4,32,46,470	4,43,634	12,785	4,56,419	3,93,96,544	15,18,274	4,09,14,818	7,80,132
Grand Total ...	9,49,63,616	39,44,197	9,89,07,813	41,03,044	1,08,667	42,11,711	7,48,92,279	29,44,593	7,78,36,872	16,14,379

Note.—Direct charges under Working Expenses include share of collection charges in the Civil Department calculated

*Includes Re. 1 on account of adjustment carried out as per Comptroller General's

Bombay, 20th October 1916.

BOMBAY PRESIDENCY.

DEPARTMENT.

FOR THE YEAR 1915-1916.

Works, the Capital Outlay thereon, the Revenue derived therefrom, the Working Expenses, Direct Capital Outlay on those Works.

WORKS.

DURING 1915-1916.		WORKING EXPENSES DURING 1915-1916.			NET RESULT, EXCLUDING INTEREST (DIFFERENCE BETWEEN REVENUE AND WORKING EXPENSES).				Simple Interest during 1915-16.	NET RESULT, INCLUDING INTEREST.			
							Rate per cent.					Rate per cent.	
Collected with Land Revenue.	Total.	Direct Charges.	Indirect Charges.	Total.	Excess revenue (surplus).	Excess expenditure (deficit).	Of excess revenue.	Of excess expenditure.		Excess revenue (surplus).	Excess expenditure (deficit).	Of excess revenue.	Of excess expenditure.
12	13	14	15	16	17	18	19	20	21	22	23	24	25
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.			Rs.	Rs.	Rs.		
...	16,021	19,633	789	20,422	...	4,401	...	0·07	1,85,645	...	1,90,046	...	3·21
...	11,150	17,840	1,036	18,876	...	7,726	...	0·41	62,682	...	70,408	...	3·74
...	2,09,058	1,58,997	5,691	1,64,688	44,370	...	0·45	...	3,19,822	...	2,75,452	...	2·80
...	5,54,722	1,49,835	6,140	1,55,975	3,98,747	...	6·17	...	2,11,672	1,87,075	...	2·90	...
...	43,296	19,396	1,186	20,582	22,714	...	1·08	...	69,643	...	46,929	...	2·24
...	...	...	...	...	...	...	...	...	13,922	...	13,922	...	3·37
...	8,34,247	3,65,701	14,842	3,80,543	4,53,704	...	1·70	...	8,63,386	...	4,09,682	...	1·54
...	...	...	...	...	...	...	...	...	10,490	...	10,490	...	3·36
...	...	...	...	...	...	...	...	...	17,043	...	17,043	...	3·35
...	...	...	...	...	...	..	...	...	2,78,134	...	2,78,134	...	2·93
...	...	...	...	...	...	...	...	...	3,05,667	...	3,05,667	...	2·96
...	8,34,247	3,65,701	14,842	3,80,543	4,53,704	...	1·23	...	11,69,053	...	7,15,349	...	1·94
3,01,287	3,95 022	1,08,695	3,349	1,12,044	2,82,978	...	10·40	...	91,705	1,91,273	...	7·03	...
1,77,169	1,78,222	49,681	1,356	51,037	1,27,185	...	16·12	...	26,670	1,00,515	...	12·74	...
5,57,123	5,93,257	1,71,344	5,527	1,76,871	4,16,386	...	16·99	...	82,363	3,34,023	...	13·63	...
25,948	27,956	53,923	523	54,446	...	26,490	...	1·84	47,864	...	74,354	...	5·17
6,76,319	6,91,223	2,43,682	4,457	2,48,139	4,43,084	...	6·33	...	2,33,191	2,09,893	...	3·00	...
9, 0,013	10,17,429	3,50,817	20,557	3,71,374	6,46,055	...	7·49	...	2,87,799	3,58,256	...	4·16	...
1,43,612	1,50,679	83,335	2,237	85,572	65,107	...	2·45	...	88,694	...	23,587	...	0·89
1,75,921	1,76,337	1,19,390	3,324	1,22,714	53,623	...	2·86	...	63,259	...	9,636	...	0·51
30,42,422	32,30,125	11,80,867	41,330	12,22,197	20,07,928	...	7·29	...	9,21,545	10,86,383	...	3·94	...
...	...	...	...	...	...	...	...	...	178	...	178	...	3·46
...	...	...	...	...	...	...	...	...	—10	...	—10	...	...
30,42,422	32,30,125	11,80,867	41,330	12,22,197	20,07,928	...	7·29	...	9,21,713	10,86,215	...	3·94	...
...	24,891	43,135	1,687	44,822	...	19,931	...	1·51	43,093	...	63,024	...	4·79
3,248	16,631	6,248	225	6,473	10,158	...	2·17	...	15,466	...	5,308	...	1·13
594	24,159	14,391	886	15,277	8,882	...	0·86	...	33,744	...	24,862	...	2·40
225	2,353	2,695	156	2,851	...	498	...	0·13	12,238	...	12,736	...	3·42
42	3,67,117	1,49,239	5,096	1,54,335	2,12,782	...	2·70	...	2,60,526	...	47,744	...	0·61
...	81,952	13,207	710	13,917	68,035	...	5·08	...	42,646	25,389	...	1·89	...
...	79,435	13,691	408	14,099	65,336	...	6·93	...	30,916	34,420	...	3·65	...
4,109	5,96,538	2,42,606	9,168	2,51,774	3,44,764	...	2·58	...	4,38,629	...	93,865	...	0·70
30,46,531	38,26,668	14,23,473	50,498	14,73,971	23,52,692	...	5·75	...	13,60,342	9,92,350	...	2·48	...
30,46,531	46,60,910	17,89,174	65,340	18,54,514	28,06,396	...	3·61	...	25,29,395	2,77,001	...	0·36	...

at certain percentages fixed by Government, but which are not adjusted in the Finance Accounts.
letter No. A-c. 2248—486-16, dated 15th November 1916.

E. M. COOK,
Accountant General.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1915-1916.

No. I.—*General Abstract of Financial Results showing the estimated Cost of Construction of Minor Works, and Navigation, the Capital Outlay thereon, the Revenue derived therefrom, and the Working Expenses on those Works.*

Name of Project.	Estimated Cost of Construction.			Capital Outlay.						Receipts during 1915-1916.			Working Expenses.			Net Result, excluding Interest (Difference between Revenue and Working Expenses).			
				During 1915-1916.			To end of 1915-1916.											Rate per cent.	
	Direct Charges.	Indirect Charges.	Total.	Direct Charges.	Indirect Charges.	Total.	Direct Charges.	Indirect Charges.	Total.	Water-rates, &c.	Collected with Land Revenue.	Total.	Direct Charges.	Indirect Charges.	Total.	Excess Revenue (surplus).	Excess Expenditure (deficit).	Of excess Revenue.	Of excess Expenditure.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
43.—Minor Works and Navigation.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.		
Works for which Capital and Revenue Accounts are kept.																			
Sind.																			
Works in Operation.																			
Sukkur Canal	13,64,754	61,496	14,26,250	...	...	...	13,64,754	61,496	14,26,250	3,601	1,78,072	1,81,673	93,912	2,247	96,159	85,514	...	6·00	...
Ghár do.	5,48,405	30,854	5,79,259	...	...	...	5,48,405	30,854	5,79,259	17,921	7,14,851	7,32,772	2,24,068	4,896	2,28,964	5,03,808	...	86·97	...
Suttah Canal	1,74,028	6,051	1,80,079	...	...	...	1,74,028	6,051	1,80,079	244	5,210	5,454	6,870	57	6,927	...	1,473	...	0·82
Alibhar Kacheri Canal ...	23,207	710	23,917	...	...	...	23,207	710	23,917	849	8,803	9,652	—2,112	10	—2,102	11,754	...	49·14	...
Márak Great Canal	2,07,436	8,310	2,15,746	...	...	...	2,07,436	8,310	2,15,746	4,285	1,03,577	1,07,862	24,602	827	25,429	82,433	...	38·21	...
Surfrázwáh	1,18,559	6,121	1,24,680	...	...	...	1,18,559	6,121	1,24,680	1,829	31,416	33,245	17,131	715	17,846	15,399	...	12·35	...
Fuleli Canal	19,13,446	71,215	19,84,661	...	...	...	19,13,446	71,215	19,84,661	45,095	7,49,487	7,94,582	2,24,114	6,923	2,31,037	5,63,545	...	28·40	...
Hasanali Canal	2,89,929	14,876	3,04,805	...	...	...	2,89,929	14,876	3,04,805	1,159	41,232	42,391	14,973	436	15,409	26,982	...	8·85	...
Total, Sind ...	46,39,764	1,99,633	48,39,397	...	...	...	46,39,764	1,99,633	48,39,397	74,983	18,32,648	19,07,631	6,03,558	16,111	6,19,669	12,87,962	...	26·61	...
Deccan and Gujarát.																			
Works in Operation.																			
Wangroli Tank	2,39,471	50,875	2,90,346	1,622	14,772	16,394	2,36,370	50,061	2,86,431	961	...	961	12,928	514	13,442	...	12,481	...	4·36
Tranza Nagrama Tank ...	2,38,032	42,603	2,80,635	...	...	...	2,38,032	42,603	2,80,635	10	60	70	2,091	77	2,168	...	2,098	...	0·75
Sávli Tank	2,34,179	21,031	2,55,210	...	...	...	2,34,179	21,031	2,55,210	1,702	...	1,702	5,844	218	6,062	...	4,360	...	1·71
Sabiat Tank	1,58,452	25,577	1,84,029	...	...	...	1,58,452	25,577	1,84,029	367	...	367	7,156	290	7,446	...	7,079	...	3·85
Hartála Tank	47,948	25,434	73,382	...	...	...	47,948	25,434	73,382	507	...	507	357	25	382	125	...	0·17	...
Mhasva Tank	1,28,781	10,175	1,38,956	...	...	...	1,28,781	10,175	1,38,956	3,311	...	3,311	1,661	189	1,850	1,461	...	1·05	...
Jánda Canals	9,91,178	49,911	10,41,089	...	...	...	9,91,178	49,911	10,41,089	12,164	...	12,164	9,217	458	9,675	2,489	...	0·24	...
Parsul Tank	2,11,995	6,951	2,18,946	...	...	...	2,08,007	6,988	2,14,995	5,230	...	5,230	2,950	209	3,159	2,071	...	0·96	...

Pravara Left Bank Canal ...	3,24,317	23,233	3,47,550	...	...	...	3,24,317	23,233	3,47,550	3,207	76	3,283	5,587	216	5,803	...	2,520	...	0·73
Bhátodi Tank	3,52,685	27,022	3,79,707	...	...	...	3,52,685	27,022	3,79,707	6,372	2,219	8,591	3,262	101	3,363	5,228	...	1·38	...
Kásurdi do.	40,812	4,778	45,590	...	...	...	40,812	4,778	45,590	523	...	523	623	25	648	...	125	...	0·27
Shirsuphal do.	2,12,199	12,369	2,24,568	...	...	...	2,12,199	12,369	2,24,568	3,671	...	3,671	2,040	75	2,115	1,556	...	0·69	...
Bhádalvádi do.	2,13,115	14,307	2,27,422	...	...	...	2,13,115	14,307	2,27,422	6,150	...	6,150	2,097	102	2,799	3,351	...	1·47	...
Koregaon do.	37,923	1,266	39,189	...	...	...	37,923	1,266	39,189	2,856	...	2,856	907	52	959	1,897	...	4·84	...
Ashti do.	7,57,050	79,041	8,36,091	...	...	...	7,57,050	79,041	8,36,091	18,763	...	18,763	6,585	467	7,052	11,711	...	1·40	...
Páthri do.	6,27,825	15,021	6,42,846	...	15	15	6,27,825	15,021	6,42,846	7,576	...	7,576	3,352	110	3,462	4,114	...	0·64	...
Revári Canal	56,771	3,040	59,811	...	...	...	56,771	3,040	59,811	6,915	...	6,915	1,936	78	2,014	4,901	...	8·19	...
Upper Mán River Works ...	4,15,835	23,451	4,39,286	...	...	...	4,15,835	23,451	4,39,286	4,371	...	4,371	1,849	97	1,946	2,425	...	0·55	...
Yerla River Irrigation Works	7,27,683	44,131	7,71,814	...	...	...	7,19,542	45,328	7,64,870	21,486	...	21,486	12,931	408	13,339	8,147	...	1·07	...
Chikhli Canal...	53,803	3,639	57,442	...	...	...	53,803	3,639	57,442	2,723	...	2,723	830	31	861	1,862	...	3·24	...
Maini Tank	4,62,125	25,525	4,87,650	...	...	...	4,62,125	25,525	4,87,650	7,925	...	7,925	2,691	126	2,817	5,108	...	1·05	...
Muchkundi Tank	1,40,217	18,490	1,58,707	...	...	...	1,40,217	18,490	1,58,707	1,508	...	1,508	292	24	316	1,192	...	0·75	...
Gadikeri do.	16,363	555	16,918	...	...	...	16,363	555	16,918	...	2,061	2,061	340	3	343	1,718	...	10·15	...
Gokák Canal, First Section, and Storage Works ...	9,00,811	68,445	9,69,256	...	...	...	9,00,811	68,445	9,69,256	45,985	...	45,985	10,582	463	11,045	34,940	...	*3·60	...
Dambal Tank	60,847	3,133	63,980	...	...	...	60,847	3,133	63,980	264	916	1,180	1,170	89	1,259	...	79	...	0·12
Medleri do.	78,354	3,038	81,392	...	...	...	78,354	3,038	81,392	646	...	646	840	79	919	...	273	...	0·34
Madag do.	1,61,248	6,350	1,67,598	...	...	...	1,61,248	6,350	1,67,598	1,899	...	1,899	1,827	157	1,984	...	85	...	0·05
Ásundi do.	60,741	14,254	74,995	...	...	...	60,741	14,254	74,995	800	687	1,487	1,038	89	1,127	360	...	0·48	...
Mávinkop do.	30,185	3,319	33,504	...	...	...	30,185	3,319	33,504	...	2,244	2,244	779	44	823	1,421	...	4·24	...
Dharma Canal	95,582	2,752	98,334	2,787	68	2,855	83,032	2,042	85,074	1,454	−4,961	−3,507	2,262	262	2,524	...	6,031	...	7·09
Total, Works in Operation ...	80,76,527	6,29,716	87,06,243	4,409	14,855	19,264	80,48,747	6,29,426	86,78,173	1,69,346	3,302	1,72,648	1,06,624	5,078	1,11,702	60,946	...	0·70	...
Works under Construction.																			
Victoria Tank	4,37,530	23,473	4,61,003	−97	1	−96	54,667	3,789	58,456	...	...	...	...	...	...	...	...	...	...
Futclao Tank...	1,02,116	8,669	1,10,785	6,300	2,401	8,701	1,06,356	2,401	1,08,757	87	...	87	...	...	...	87	...	0·08	...
Suki River	...	...	...	...	...	...	15,139	385	15,524	...	...	...	...	...	...	...	...	...	...
Total ...	5,39,646	32,142	5,71,788	6,203	2,402	8,605	1,76,162	6,575	1,82,737	87	...	87	...	...	...	87	...	0·05	...
Works in Abeyance.																			
Gokák Canal, Second Section.	1,78,001	13,994	1,91,995	...	...	...	1,76,306	13,978	1,90,284	...	...	...	...	...	...	...	...	...	...
Total, Deccan and Gujarát...	87,94,174	6,75,852	94,70,026	10,612	17,257	27,869	84,01,215	6,49,979	90,51,194	1,69,433	3,302	1,72,735	1,06,624	5,078	1,11,702	61,033	...	0·67	...
Grand Total—Works for which Capital and Revenue Accounts are kept ...	1,34,33,938	8,75,485	1,43,09,423	10,612	17,257	27,869	1,30,40,979	8,49,612	1,38,90,591	2,44,416	18,35,950	20,80,366	7,10,182	21,189	7,31,371	13,48,995	...	9·71	...
Works for which only Revenue Accounts are kept.																			
Sind	...	...	...	...	...	...	...	...	...	57,614	25,27,109	25,84,723	9,90,936	...	9,90,936	15,93,787	...	...	...

NOTE.—(1) Direct Charges under Working Expenses include share of collection charges in the Civil Department calculated at certain percentages fixed by Government, but which are not adjusted in the Finance Accounts.

* The rate per cent. on the total cost (Rs. 13,81,922) of the Project comes to 2·53.

Bombay, 20th October 1916.

E. M. COOK,
Accountant General.

IRRIGATION BRANCH — BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1915-1916.

35.—PROTECTIVE IRRIGATION WORKS.

PRAVARA RIVER CANALS.

CANAL PROJECT.

No. 2.—Capital Account for, and to end of, 1915-1916.

Heads of Account.	Direct Charges.			Cost of construction as now estimated.	Expenditure against closed estimates.
	Previous.	1915-1916.	Total.		
I.—Works.	Rs.	Rs.	Rs.	Rs.	Rs.
(1)—*Head Works.*					
A. Preliminary Expenses ...	1,685	123	1,808	4,612	.....
B. Land	51,067	1,389	52,456	93,250	.....
C. Works	16,56,262 (a)—1,653	3,64,318	20,18,927	28,43,378	.....
K. Buildings	34,890	3,749	38,639	40,681	.....
O. Miscellaneous	23,843 (a) 1,653	2,407	27,903	28,328	.....
P. Maintenance	12,852	13,073	25,925	27,637	.....
Total, Head Works ...	17,80,599	3,85,059	21,65,658	30,37,886	.....
(2)—*Main Canals and Branches.*					
A. Preliminary Expenses ...	8,979	583	9,562	9,358	.....
B. Land	47,763	9,870	57,633	67,891	.....
D. Regulators	11,510	11,103	22,613	36,232	.....
E. Falls and Weirs	8,076	4,534	12,610	18,471	.....
F. River and Hill torrent works ...	3,50,487	55,396	4,05,883	4,67,130	.....
G. Bridges	50,999	12,637	63,636	99,466	.....
H. Escapes	2,190	1,532	3,722	6,150	.....
K. Buildings	86,071	16,221	1,02,292	94,382	.....
L. Earth-work	12,86,231	63,366	13,49,597	11,95,768	.....
M. Plantations	25,641	4,997	30,638	50,306	.....
O. Miscellaneous	2,166	...	2,166	2,669	.....
P. Maintenance	18,602	2,355	20,957	23,331	.....
Total, Main Canals and Branches ...	18,98,715	1,82,594	20,81,309	20,71,154	.....
Carried over ...	36,79,314	5,67,653	42,46,967	51,09,040	.....

(a) Erroneous classification in previous year now rectified.

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1915-1916.

35.—PROTECTIVE IRRIGATION WORKS.

Pravara River Canals.

Canal Project.

No. 2.—*Capital Account for, and to end of,* 1915-1916—continued.

Heads of Account.	Direct Charges.			Cost of construction as now estimated.	Expenditure against closed estimates.
	Previous.	1915-16.	Total.		
	Rs.	Rs.	Rs.	Rs.	Rs.
Brought forward ...	36,79,314	5,67,653	42,46,967	51,09,040	.....
Works—*continued.*					
(3)—*Distributaries.*					
A. Preliminary Expenses ...	9,467	390	9,857	2,582	.....
B. Land	32,498	1,028	33,526	.....	.....
C. Works	54,277	22,928	77,205	2,77,177	.....
L. Earth-work	.....	3,817	3,817	11,847	.....
O. Miscellaneous	80,199	22,543	1,02,742	3,36,783	.....
Total, Distributaries ...	1,76,441	50,706	2,27,147	6,28,389	.....
Total, I.—Works ...	38,55,755	6,18,359	44,74,114	57,37,429	.....
II.—Establishment.					
1 & 2. Direction and Accounts. ...	1,60,924	18,142	1,79,066	12,53,095	.....
3. Executive	6,06,155	1,37,339	7,43,494		
Total, II.—Establishment ..	7,67,079	1,55,481	9,22,560	12,53,095	.....
III.—Tools and Plant	3,37,201	5,357	3,42,558	1,64,410	.....
IV.—Suspense Accounts	—154	...	—154	.....	.....
Grand Total ..	49,59,881	7,79,197	57,39,078	71,54,934	.....
V.—*Less*—Receipts on Capital Account.	2,691	1,275	3,966	.....	.....
Net Outlay ...	49,57,190	7,77,922	57,35,112	71,54,934	.....
Apportionment.					
Chargeable to 35.—Construction of Protective Irrigation Works. ...	44,20,699	7,77,922	51,98,621	71,54,934	.....
Chargeable to 43.—Minor Works and Navigation	22,623	...	22,623		
Chargeable to 33.—Famine Relief ...	5,13,868	...	5,13,868		
Total ...	49,57,190	7,77,922	57,35,112	71,54,934	.....

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1915-1916.

35.—PROTECTIVE IRRIGATION WORKS.

Pravara River Canals.

Canal Project.

No. 3.—Revenue Account for, and to end of, 1915-1916.

Receipts.	Total.			Charges.	Total.		
	Previous.	1915-1916.	Total.		Previous.	1915-1916.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—Direct Receipts.				I.—Extensions and Improvements.			
1. Water-rates from Irrigation ...	48,524	15,274	63,798	2. Main Canals and Branches ...	176	...	176
3. Sales of water ...	...	84	84	II.—Maintenance and Repairs.			
5. Plantations.	393	475	868	2. Main Canals and Branches ...	23,646	11,960	35,606
6. Other canal produce	277	...	277	3. Distributaries ...	184	1,038	1,222
9. Rents of Buildings.	127	31	158	Total ...	23,830	12,998	36,828
10. Fines	...	121	121	IV.—Establishment.			
11. Miscellaneous Receipts	1,586	36	1,622	1 & 2. Direction and Accounts ...	1,078	560	1,638
				3. Executive	10,608	5,073	15,681
Total ...	50,907	16,021	66,928	Total ...	11,686	5,633	17,319
				V.—Tools and Plant ...	340	186	526
II.—Indirect Receipts.				VI.—Refunds of Revenue ...	14	46	60
				Total ...	36,046	18,863	54,909
Irrigation share of Land Revenue collected in the Civil Department	...	...	...	Share of Collection Charges in the Civil Department	2,426	770	3,196
				Indirect Charges debitable to Revenue Account as per Account No. 5	1,636	789	2,425
Total, Receipts ...	50,907	16,021	66,928	Total, Charges ...	40,108	20,422	60,530
				Balance Net Revenue ...	10,799	—4,401	6,398
Grand Total ...	50,907	16,021	66,928	Grand Total ...	50,907	16,021	66,928

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1915-1916.

35.—PROTECTIVE IRRIGATION WORKS.

PRAVARA RIVER CANALS.

CANAL PROJECT.

No. 4.—Interest Account for, and to end of, 1915-1916.

	Amount.		Amount.
	Rs.		Rs.
Total Interest charges to end of 1914-1915 ...	4,22,123	Net Revenue realized to end of 1914-1915 ...	10,799
Interest charges for the year 1915-196 ...	1,85,645	Do. during 1915-1916 ...	—4,401
			6,398
		Balance net Interest charges	6,01,370
Total ...	6,07,768	Total ...	6,07,768

No. 5.—Account of Indirect Charges for, and to end of, 1915-1916.

Particulars.	Previous.	1915-1916.	Total.
CAPITAL—	Rs.	Rs.	Rs.
1. Capitalized abatement of Land Revenue	50,568	4,653	55,221
2. Leave and Pension Allowances	1,07,391	21,767	1,29,158
Total ...	1,57,959	26,420	1,84,379
REVENUE—			
2. Leave and Pension Allowances	1,636	789	2,425

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1915-1916.

35.—PROTECTIVE IRRIGATION WORKS.

PRAVARA RIVER CANALS.

CANAL PROJECT.

No. 6.—Statement comparing Charges to date with sanctioned Estimates.

Particulars.	Charges against closed Sanctions.			Current Sanctions.			Total charges to date against old and current Sanctions.	Remarks.
	Expenditure against Construction Estimate.	Expenditure against open Capital Sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Works ...				44,74,114	57,37,429	12,63,315	44,74,114	Total estimate for the Pravara River Canal Project sanctioned by the Secretary of State's Despatch No. 38-P.W. of 9th August 1907, *vide* Government of India's No. 1631-I of 23rd September 1907, communicated in Government Resolution No. 2557 of 22nd October 1907, Rs. 86,44,841. *Deduct*.—Estimate of the undermentioned works, as their separate accounts have been prepared as one account for the whole project has been kept in abeyance pending the new project is completed sufficiently to give water to the other canals, *vide* Government of India's No. 1951-I. of 18th September 1908, communicated in Government Resolution No. 2721 of 20th October 1908 :— Máládevi Tank ... Rs. 3,14,574; Ojhar Canal ... 3,47,550; Lákh Canal ... 3,71,891 Rs. 10,34,015. Net amount shown in this account ... 76,10,826. *Note*.—From the sanctioned provision of works Rs. 7,419 have been transferred to that of Tools and Plant as per Government Resolution No. 3047, dated 18th March 1913. From the sanctioned provision of works Rs. 43,151 and from Establishment Rs. 1,24,077 already transferred to Tools and Plant have now been cancelled, *vide* Government Resolution No. W. I.-6515, dated 23rd June 1916.
Establishment ...				9,22,560	12,53,095	3,30,535	9,22,560	
Tools and Plant ...				3,42,558	1,64,410	-1,78,148*	3,42,558	
Suspense Accounts.				-154	...	154	-154	
Total ...				57,39,078	71,54,934	14,15,856	57,39,078	
Less—Receipts on Capital Account.				3,966	...	-3,966	3,966	
Net Total ...				57,35,112	71,54,934	14,19,822	57,35,112	
INDIRECT CHARGES.								
Capitalized Abatement of Land Revenue				55,221	2,80,459	2,25,238	55,221	
Leave and Pension Allowances ...				1,29,158	1,75,433	46,275	1,29,158	
Total ...				1,84,379	4,55,892	2,71,513	1,84,379	
Grand Total ...				59,19,491	76,10,826	16,91,335	59,19,491	

* Expenditure of Rs. 1,80,208 on account of Special Tools and Plant debited under the departmental head 'Tools and Plant' will be adjusted in the accounts for the year 1916-17.

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1915-1916.

35.—PROTECTIVE IRRIGATION WORKS.

CHANKÁPUR TANK.

TANK PROJECT.

No. 2.—Capital Account for, and to end of, 1915-1916.

Heads of Account.	Direct Charges.			Cost of construction as now estimated. (Construction estimate closed on 31st March 1910.)	Expenditure against closed estimates.
	Previous.	1915-1916.	Total.		
I.—Works.	Rs.	Rs.	Rs.	Rs.	Rs.
(1)—*Head Works.*					
A. Preliminary Expenses	7,678	...	7,678	7,678	7,678
B. Land	19,056	...	19,056	19,056	19,056
C. Masonry Works	8,82,680	...	8,82,680	8,82,680	8,82,680
K. Buildings	11,459	...	11,459	11,459	11,459
L. Earth-work	1,16,773	...	1,16,773	1,16,773	1,16,773
P. Maintenance	5,610	...	5,610	5,610	5,610
Total, Head Works ...	10,43,256	...	10,43,256	10,43,256	10,43,256
(2)—*Main Canals and Branches.*					
A. Preliminary Expenses ...	(*a*) 1,160 −386	619	1,393	349	349
B. Land	2,116	241	2,387	2,102	2,102
C. Masonry Works	1,28,949	...	1,28,949	1,25,966	1,25,966
C (*b*). Falls and Weirs	392	...	392	392	392
C (*c*). River and Hill Torrent Works .	61,260	9,883	71,143	.....	.....
C (*e*). Bridges	718	...	718	.....	.....
K. Buildings	6,440	5,550	11,990	6,148	6,148
L. Earth-work	1,38,070	12,386	1,50,456	92,086	92,086
M. Plantations	(*a*) 7,700 −2,517	...	5,183	5,183	5,183
O. Miscellaneous	(*a*) 2,517	2,360	4,877	.....	.....
Total, Main Canals and Branches ...	3,46,449	31,039	3,77,488	2,32,226	2,32,226
(3)—*Distributaries.*					
A. Preliminary Expenses ...	(*a*) 6,717 386	155	7,258	6,717	6,717
B. Land	3,221	...	3,221	3,221	3,221
C. Masonry Works	5,373	...	5,373	5,373	5,373
L. Earth-work	7,794	...	7,794	7,794	7,794
O. Miscellaneous	18,259	...	18,259	18,259	18,259
Total, Distributaries ...	41,750	155	41,905	41,364	41,364
Total, I.—Works ...	14,31,455	31,194	14,62,649	13,16,846	13,16,846
Carried over ...	14,31,455	31,194	14,62,649	13,16,846	13,16,846

(*a*) Erroneous classification in previous year now rectified.

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1915-1916.

35.—PROTECTIVE IRRIGATION WORKS.

CHANKÁPUR TANK.

TANK PROJECT.

No. 2.—Capital Account for, and to end of, 1915-1916—continued.

Heads of Account.	Direct Charges.			Cost of construction as now estimated. (Construction estimate closed on 31st March 1910.)	Expenditure against closed estimates.
	Previous.	1915-1916.	Total.		
	Rs.	Rs.	Rs.	Rs.	Rs.
Brought forward ...	14,31,455	31,194	14,62,649	13,16,846	13,16,846
II.—ESTABLISHMENT.					
1 & 2. Direction and Accounts ...	61,935	998	62,933	57,852	57,852
3. Executive	2,34,568	5,303	2,39,871	2,15,153	2,15,153
4. Medical	2,810	...	2,810	2,810	2,810
Total, II.—Establishment ...	2,99,313	6,301	3,05,614	2,75,815	2,75,815
III.—TOOLS AND PLANT ...	57,489	468	57,957	55,775	55,775
Grand Total ...	17,88,257	37,963	18,26,220	16,48,436	16,48,436
V.—*Less*—Receipts on Capital Account	2,132	...	2,132	2,132	2,132
Net Outlay ...	17,86,125	37,963	18,24,088	16,46,304	16,46,304
APPORTIONMENT.					
Chargeable to 35.—Construction of Protective Irrigation Works	17,51,809	37,963	17,89,772	16,11,988	16,11,988
Do. 43.—Minor Works and Navigation ...	34,316	...	34,316	34,316	34,316
Total ...	17,86,125	37,963	18,24,088	16,46,304	16,46,304

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1915-1916.

35.—PROTECTIVE IRRIGATION WORKS.

CHANKA'PUR TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1915-1916.

Receipts.	Total.			Charges.	Total.		
	Previous.	1915-1916.	Total.		Previous.	1915-1916.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				I.—EXTENSIONS AND IMPROVEMENTS.			
1. Water-rates from Irrigation ...	52,955	10,968	63,923	1. Head Works	1,578	...	1,578
3. Sales of water ...	4	...	4	2. Main Canals and Branches	183	113	296
6. Other canal produce.	40	34	74	Total ...	1,761	113	1,874
9. Rents of Buildings.	282	1	283	II.—MAINTENANCE AND REPAIRS.			
10. Fines	61	...	61	1 Head Works	13,255	4,879	18,134
11. Miscellaneous Receipts	1,384	147	1,531	2. Main Canals and Branches	17,912	3,097	21,009
				3. Distributaries ...	473	1,634	2,107
Total ...	54,726	11,150	65,876	Total ..	31,640	9,610	41,250
				IV.—ESTABLISHMENT.			
				1 & 2. Direction and Accounts ...	1,531	429	1,960
				3. Executive	18,901	6,974	25,875
II.—INDIRECT RECEIPTS.				Total ...	20,432	7,403	27,835
				V.—TOOLS AND PLANT ...	2,328	143	2,471
Irrigation share of Land Revenue collected in the Civil Department	...	...	...	VI.—REFUNDS OF REVENUE	13	23	36
				Total ...	56,174	17,292	73,466
				Share of Collection Charges in the Civil Department	2,653	548	3,201
Total, Receipts ...	54,726	11,150	65,876	Indirect Charges debitable to Revenue Account as per Account No. 5	2,860	1,036	3,896
				Total, Charges ..	61,687	18,876	80,563
				Balance Net Revenue ...	—6,961	—7,726	—14,687
Grand Total ...	54,726	11,150	65,876	Grand Total ...	54,726	11,150	65,876

N.B.—Construction Estimate closed on 31st March 1910—*vide* G. R. No. 872, dated 1st April 1910.
Completion Report approved in G. R. No. 443, dated 3rd March 1911.

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1915-1916.

35.—PROTECTIVE IRRIGATION WORKS.

CHANKA'PUR TANK.

TANK PROJECT.

No. 4.—Interest Account for, and to end of, 1915-1916.

	Amount.		Amount.
	Rs.		Rs.
Total Interest charges to end of 1914-1915 .	5,32,125	Net revenue realized to end of 1914-1915 .	—6,961
Interest charges for the year 1915-1916 ...	62,682	Do. during 1915-1916...	—7,726
			—14,687
		Balance net interest charges ...	6,09,494
Total ...	5,94,807	Total ...	5,94,807

No. 5.—Account of Indirect Charges for, and to end of, 1915-1916.

Particulars.	Previous.	1914-1915.	Total.
	Rs.	Rs.	Rs.
CAPITAL—			
1. Capitalized abatement of Land Revenue	17,272	25	17,297
2. Leave and Pension Allowances	42,543	882	43,425
Total ..	59,815	907	60,722
REVENUE—			
2. Leave and Pension Allowances	2,860	1,036	3,896

No. 6.—Statement comparing Charges to date with sanctioned Estimates.

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current Sanctions.	REMARKS.
	Expenditure against construction Estimate.	Expenditure against open capital Sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
DIRECT CHARGES.	Rs.	Rs.	Rs.	(a) Rs.	Rs.	Rs.	Rs.	
Works ...	12,04,069	1,12,777	13,16,846	1,45,803*	...	—1,45,303	14,62,649	
Establishment ...	2,51,351	24,464	2,75,815	29,799	...	—29,799	3,05,614	
Tools and Plant ...	62,947	—7,172	55,775	2,182	...	—2,182	57,957	
Total ...	15,18,367	1,30,069	16,48,436	1,77,784	...	—1,77,784	18,26,220	
Less—Receipts on Capital Account.	2,132	...	2,132	...	...	...	2,132	
Net Total ...	15,16,235	1,30,069	16,46,304	1,77,784	...	—1,77,784	18,24,088	
INDIRECT CHARGES.								
Capitalized abatement of Land Revenue ...	16,235	1,037	17,272	25	...	—25	17,297	
Leave and Pension Allowances ...	35,829	3,424	39,253	4,172	...	—4,172	43,425	
Total ...	52,064	4,461	56,525	4,197	...	—4,197	60,722	
Grand Total ...	15,68,299	1,34,530	17,02,829	1,81,981	...	—1,81,981	18,84,810	

* Estimate amounting Rs. 1,52,205 for "Works" alone for the Extension of the Girna Left Bank Canal Project has been approved by Government, *vide* their Memorandum No. I-407, dated 15th January 1914. The formal orders on the whole project are awaited.

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1915-1916.

35.—PROTECTIVE IRRIGATION WORKS.

GODA'VARI CANAL.

CANAL PROJECT.

No. 2.—Capital Account for, and to end of, 1915-1916.

Heads of Account.	Direct Charges.			Cost of construction as now estimated. (Construction estimates closed on 31st March 1916).	Expenditure against closed estimates.
	Previous.	1915-1916.	Total.		
I.—WORKS.	Rs.	Rs.	Rs.	Rs.	Rs.
(1)—*Head Works.*					
A. Preliminary Expenses	3,444	2,036	5,480	5,480	5,480
B. Land	9,14,181 (a) 264	896	9,15,341	9,15,341	9,15,341
C. Works	31,25,285 (a)—6,886	21,036	31,39,435	31,39,435	31,39,435
K. Buildings	41,500	1,277	42,777	42,777	42,777
O. Miscellaneous	152	...	152	152	152
P. Maintenance	3,239 (a) 6,622	8,146	18,007	18,007	18,007
Total, Head Works ...	40,87,801	33,391	41,21,192	41,21,192	41,21,192
(2)—*Main Canals and Branches.*					
A. Preliminary Expenses	28,836	816	29,652	29,652	29,652
B. Land	1,04,566	1,976	1,06,542	1,06,542	1,06,542
D. Regulators	28,257 * 1	—81	28,177	28,177	28,177
F. River and Hill Torrent Works ...	10,53,589	32,498	10,86,087	10,86,087	10,86,087
G. Bridges	88,604	4,047	92,651	92,651	92,651
H. Escapes	18,456	533	18,989	18,989	18,989
K. Buildings	1,77,632	10,533	1,88,165	1,88,165	1,88,165
L. Earth-work	16,69,873	39,296	17,09,169	17,09,169	17,09,169
M. Plantations	8,907	...	8,907	8,907	8,907
O. Miscellaneous	15,321 * —1	—2,640	12,680	12,680	12,680
P. Maintenance	14,269	1,049	15,318	15,318	15,318
Total, Main Canals and Branches ...	32,08,310	88,027	32,96,337	32,96,337	32,96,337
(3)—*Distributaries.*					
A. Preliminary Expenses	8,762	...	8,762	8,762	8,762
B. Land	22,728	3,785	26,513	26,513	26,513
C. Works	1,03,147	—2,505	1,00,642	1,00,642	1,00,642
L. Earth-work	1,41,715	31,604	1,73,319	1,73,319	1,73,319
O. Miscellaneous	1,06,332	59,636	1,65,968	1,65,968	1,65,968
Total, Distributaries ...	3,82,684	92,520	4,75,204	4,75,204	4,75,204
Total, I.—Works ...	76,78,795	2,13,938	78,92,733	78,92,733	78,92,733
II.—ESTABLISHMENT.					
1 & 2. Direction and Accounts	3,30,233	6,613	3,36,846	3,36,846	3,36,846
3. Executive	8,32,277	71,490	9,03,767	9,03,767	9,03,767
Total, Establishment ...	11,62,510	78,103	12,40,613	12,40,613	12,40,613
III.—Tools and Plant	2,21,576	421	2,21,997	2,21,997	2,21,997
IV.—Suspense Accounts	3,847 * —1	—1,601	2,245	2,245	2,245
Grand Total ...	90,66,727	2,90,861	93,57,588	93,57,588	93,57,588
V.—*Less*—Receipts on Capital Account ...	2,027 * —1	...	2,026	2,026	2,026
Net Outlay ...	90,64,701	2,90,861	93,55,562	93,55,562	93,55,562
APPORTIONMENT.					
Chargeable to 35—Construction of Protective Irrigation Works	90,64,701	2,90,861	93,55,562	93,55,562	93,55,562

(a) Erroneous classification in previous year now rectified.
* Adjusted on account of fraction of a rupee.

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1915-1916.

35.—PROTECTIVE IRRIGATION WORKS.

GODA'VARI CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1915-1916.

Receipts.	Total.			Charges.	Total.		
	Previous.	1915-1916.	Total.		Previous.	1915-1916.	Total.
	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				1 Head Works ...	4,005	300	4,305
				2. Main Canals and Branches	722	301	1,023
1. Water-rates from Irrigation ...	4,68,273	1,98,324	6,66,597	Total ...	4,727	601	5,328
3. Sales of water ...	887	951	1,838	II.—MAINTENANCE AND REPAIRS.			
5. Plantations ...	3	302	305	1. Head Works ...	23,573	9,895	33,468
6. Other canal produce	854	120	974	2. Main Canals and Branches ...	1,38,190	72,502	2,10,692
				3. Distributaries ..	12,220	6,195	18,415
8. Navigation ...	2	...	2	Total ...	1,73,983	88,592	2,62,575
				IV.—ESTABLISHMENT.			
9. Rents of buildings .	305	1,186	1,491	1 & 2. Direction and Accounts ...	6,893	3,810	10,703
10. Fines	1,372	716	2,088	3. Executive	70,873	36,845	1,07,718
11. Miscellaneous receipts	14,794	7,459	22,253	Total ...	77,766	40,655	1,18,421
				V.—TOOLS AND PLANT ...	2,069	1,270	3,339
Total ...	4,86,490	2,09,058	6,95,548	VI.—REFUNDS OF REVENUE	20,967	17,622	38,589
				Total ...	2,79,512	1,48,740	4,28,252
II.—INDIRECT RECEIPTS.							
Irrigation share of Land Revenue collected in the Civil Department.	...	...	...	Share of Collection Charges in the Civil Department	23,867	10,257	34,124
				Indirect Charges debitable to Revenue Account as per Account No. 5	10,886	5,691	16,577
Total ...	...	...	...				
Total, Receipts ...	4,86,490	2,09,058	6,95,548	Total Charges ...	3,14,265	1,64,688	4,78,953
				Balance Net Revenue ...	1,72,225	44,370	2,16,595
Grand Total ...	4,86,490	2,09,058	6,95,548	Grand Total ...	4,86,490	2,09,058	6,95,548

N. B.—Construction Estimate closed on 31st March 1916, *vide* Government Order No. A.-I.. 3470, dated 28th March 1916.

IRRIGATION BRANCH. BOMBAY PRESIDENCY

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1915-1916.

35.—PROTECTIVE IRRIGATION WORKS.

GODA'VARI CANAL.

CANAL PROJECT.

No. 4.—Interest Account for, and to end of, 1915-1916.

	Amount.		Amount.
	Rs.		Rs.
Total Interest charges to end of 1914-1915	14,19,570	Net Revenue realized to end of 1914-1915	1,72,225
		Net Revenue realized during 1915-1916.	44,370
Interest charges for the year 1915-1916.	3,19,822		2,16,595
		Balance Net Interest charges ...	15,22,797
Total ...	17,39,392	Total ...	17,39,392

No. 5.—Account of Indirect Charges for, and to end of, 1915-1916.

Particulars.	Previous.	1915-1916.	Total.
CAPITAL—	Rs.	Rs.	Rs.
1. Capitalized abatement of Land Revenue	3,04,941	2,064	3,07,005
2. Leave and Pension Allowances	1,62,750	10,934	1,73,684
Total ...	4,67,691	12,998	4,80,689
REVENUE—			
1. Leave and Pension Allowances	10,886	5,691	16,577

No. 6.—Statement comparing Charges to date with sanctioned Estimates.

Particulars.	Charges against closed Sanctions.			Current Sanctions.			Total charges to date against old and current sanctions.	Remarks.
	Expenditure against construction Estimate.	Expenditure against open Capital sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Works ...	78,92,733	...	78,92,733	...	...	...	78,92,733	
Establishment ...	12,40,613	...	12,40,613	...	...	...	12,40,613	
Tools and Plant ...	2,21,997	...	2,21,997	...	...	...	2,21,997	
Suspense Accounts .	2,245	...	2,245	...	...	...	2,245	
Total ...	93,57,588	...	93,57,588	...	...	...	93,57,588	
Less—Receipts on Capital Account...	2,026	...	2,026	...	...	...	2,026	
Net Total ...	93,55,562	...	93,55,562	...	...	...	93,55,562	
INDIRECT CHARGES.								
Capitalized abatement of Land Revenue ...	3,07,005	...	3,07,005	...	...	...	3,07,005	
Leave and Pension Allowances ...	1,73,684	...	1,73,684	...	...	...	1,73,684	
Total ...	4,80,689	...	4,80,689	...	...	...	4,80,689	
Grand Total ...	98,36,251	...	98,36,251	...	...	...	98,36,251	

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1915-1916.

35.—PROTECTIVE IRRIGATION WORKS.

NIRA CANAL, INCLUDING SHETPHAL TANK.

CANAL PROJECT.

No. 2.—*Capital Account for, and to end of,* 1915-1916.

Heads of Account.	Direct Charges.			Cost of construction as now estimated. (Construction estimate closed on 31st March 1906.)	Expenditure against closed estimates.
	Previous.	1915-1916.	Total.		
I.—WORKS.	Rs.	Rs.	Rs.	Rs.	Rs.
(1)—*Head Works.*					
A. Preliminary Expenses	12,512	...	12,512	12,512	12,512
B. Land	2,23,024	...	2,23,024	2,23,024	2,23,024
C. Works	18,63,214 *—1	...	18,63,213	18,63,213	18,63,213
K. Buildings	13,282 *1	...	13,283	13,283	13,283
M. Plantations	7,053	...	7,053	7,053	7,053
O. Miscellaneous	1,547	...	1,547	1,547	1,547
P. Maintenance	3,571	...	3,571	3,571	3,571
Total, Head Works ...	21,24,203	...	21,24,203	21,24,203	21,24,203
(2)—*Main Canals and Branches.*					
A. Preliminary Expenses ...	19,166	...	19,166	19,166	19,166
B. Land	34,145	...	34,145	34,145	34,145
D. Regulators	20,698 *—1	...	20,697	20,697	20,697
F. River and Hill Torrent Works ...	5,14,067	...	5,14,067	5,14,067	5,14,067
G. Bridges	53,443	...	53,443	53,443	53,443
K. Buildings	50,703	485	51,188	51,188	51,188
L. Earth-work	12,09,009	1,545	12,10,554	12,10,554	12,10,554
M. Plantations	6,928	...	6,928	6,928	6,928
N. Tanks and Reservoirs ...	5,58,005	...	5,58,005	5,58,005	5,58,005
O. Miscellaneous	*1 4,009	17	4,027	4,027	4,027
P. Maintenance	11,167	...	11,167	11,167	11,167
Total, Main Canals and Branches ...	24,81,340	2,047	24,83,387	24,83,387	24,83,387
(3)—*Distributaries.*					
A. Preliminary Expenses ...	3,493	...	3,493	3,493	3,493
B. Land	12,192	...	12,192	12,192	12,192
C. Works	98,599	...	98,599	98 599	98,599
L. Earth-work	93,077	...	93,077	93,077	93,077
O. Miscellaneous	8,715	...	8,715	8,715	8,715
Total, Distributaries ...	2,16,076	...	2,16,076	2,16,076	2,16,076
Total, I.—Works ..	48,21,619	2,047	48,23,666	48,23,666	48,23,666
Carried over ...	48,21,619	2,047	48,23,666	48,23,666	48,23,666

* Adjusted on account of fraction of a rupee.

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1915-1916.

35.—PROTECTIVE IRRIGATION WORKS.

NIRA CANAL, INCLUDING SHETPHAL TANK.

CANAL PROJECT.

No. 2.—Capital Account for, and to end of, 1915-1916.

Heads of Account.	Direct Charges.			Cost of construction as now estimated. (Construction estimate closed on 31st March 1906.)	Expenditure against closed estimates.
	Previous.	1915-1916.	Total.		
	Rs.	Rs.	Rs.	Rs.	Rs.
Brought forward ...	48,21,619	2,047	48,23,666	48,23,666	48,23,666
II.—ESTABLISHMENT.					
1 & 2. Direction and Accounts ...	3,01,151	18	3,01,169	3,01,169	3,01,169
3. Executive	7,69,152	94	7,69,246	7,69,246	7,69,246
4. Medical	11,004	...	11,004	11,004	11,004
5. Special Survey	77,065	...	77,065	77,065	77,065
Total, Establishment ...	11,58,372	112	11,58,484	11,58,484	11,58,484
III.—TOOLS AND PLANT ...	1,22,968	...	1,22,968	1,22,968	1,22,968
Grand Total ...	61,02,959	2,159	61,05,118	61,05,118	61,05,118
V.—*Less*—Receipts on Capital Account.	8,382	...	8,382	8,382	8,382
Net Outlay ...	60,94,577	2,159	60,96,736	60,96,736	60,96,736
APPORTIONMENT.					
Chargeable to 35.—Construction of Protective Irrigation Works	52,85,812	2,159	52,87,971	52,87,971	52,87,971
Do. 43.—Minor Works and Navigation ...	8,08,765	...	8,08,765	8,08,765	8,08,765
Total ...	60,94,577	2,159	60,96,736	60,96,736	60,96,736

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1915-1916.

35.—PROTECTIVE IRRIGATION WORKS.

NIRA CANAL, INCLUDING SHETPHAL TANK.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1915-1916.

Receipts.	Total.			Charges.	Total.		
	Previous.	1915-1916.	Total.		Previous.	1915-1916.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	57,97,855	5,43,266	63,41,121	1. Head Works	7,755	5,470	13,225
3. Sales of water ...	2,399	71	2,470	2. Main Canals and Branches	45,494	4,298	49,792
4. Water-supply of towns	1	...	1	3. Distributaries ...	10,487	3,844	14,331
5. Plantations ...	58,122	1,667	62,886	4. Drainage and Protective Works	4,737	...	4,737
6. Other canal produce		3,097					
8. Navigation ...	30	...	30	Total ...	68,473	13,612	82,085
9. Rents of buildings	7,570	215	7,785				
10. Fines	5,640	1,639	7,279	II.—MAINTENANCE AND REPAIRS.			
11. Miscellaneous receipts	41,083	4,767	45,850	1. Head Works	1,25,476	4,769	1,30,245
				2. Main Canals and Branches	4,84,728	40,458	5,25,186
Total ...	59,12,700	5,54,722	64,67,422	3. Distributaries	1,42,504	17,204	1,59,708
II.—INDIRECT RECEIPTS.				4. Drainage and Protective Works	522	455	977
Irrigation share of Land Revenue collected in the Civil Department ...	...	...	...	Total ...	7,53,230	62,886	8,16,116
				III.—COMPENSATION ...	5	...	5
Total, Receipts ...	59,12,700	5,54,722	64,67,422	IV.—ESTABLISHMENT.			
				1 & 2. Direction and Accounts	67,187	3,285	70,472
				3. Executive	6,93,647	40,576	7,34,223
				4. Medical	3,724	...	3,724
				Total ...	7,64,558	43,861	8,08,419
				V.—TOOLS AND PLANT ...	38,302	2,179	40,481
Carried over ...	59,12,700	5,54,722	64,67,422	Carried over ...	16,24,568	1,22,538	17,47,106

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1915-1916.

35.—PROTECTIVE IRRIGATION WORKS.

NIRA CANAL, INCLUDING SHETPHAL TANK.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1915-1916.

Receipts.	Total.			Charges.	Total.		
	Previous.	1915-1916.	Total.		Previous.	1915-1916.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
Brought forward ...	59,12,700	5,54,722	64,67,422	Brought forward ...	16,24,568	1,22,538	17,47,106
				VI,—REFUNDS OF REVENUE	12,864	52	12,916
				Total ...	16,37,432	1,22,590	17,60,022
				Share of Collection Charges in the Civil Department	2,90,168	27,245	3,17,413
				Indirect Charges debitable to Revenue Account as per Account No. 5	1,07,038	6,140	1,13,178
				Total Charges ...	20,34,638	1,55,975	21,90,613
				Balance Net Revenue ...	38,78,062	3,98,747	42,76,809
Grand Total ...	59,12,700	5,54,722	64,67,422	Grand Total ...	59,12,700	5,54,722	64,67,422

N.B.—Construction Estimate of the Nira Canal closed on 31st March 1899—*vide* Government Resolution No. 1847, dated 2nd April 1900.
Construction Estimate of the Shetphal Tank closed on 31st March 1906—*vide* Government Resolution No. 2434, dated 2nd October 1905.
Completion Report approved in Government Resolution No. 2367, dated 3rd December 1907.

No. 4.—Interest Account for, and to end of, 1914-1915.

	Amount.		Amount.
	Rs.		Rs.
Total Interest charges to end of 1914-15.	65,25,645	Net revenue realized to end of 1914-15.	38,78,062
		Do. during 1915-16.	3,98,747
Interest charges for the year 1915-16...	2,11,672		42,76,809
		Balance net Interest charges	24,60,508
Total ...	67,37,317	Total ...	67,37,317

No. 5.—Account of Indirect Charges for, and to end of, 1915-1916.

Particulars.	Previous.	1914-1915.	Total.
	Rs.	Rs.	Rs.
CAPITAL—			
1. Capitalized abatement of Land Revenue	1,84,874	.....	1,84,874
2. Leave and Pension Allowances	1,79,445	16	1,79,461
Total ...	3,64,319	16	3,64,335
REVENUE—			
2. Leave and Pension Allowances	1,07,038	6,140	1,13,178

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1915-1916.

35.—PROTECTIVE IRRIGATION WORKS.

NIRA CANAL, INCLUDING SHETPHAL TANK.

CANAL PROJECT.

No. 6.—Statement comparing Charges to date with sanctioned Estimates.

Particulars.	Charges against closed sanctions.			Current Sanctions.			Total charges to date against old and current Sanctions.	Remarks.
	Expenditure against construction Estimate.	Expenditure against open Capital Sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
DIRECT CHARGES.								
Works	47,68,387	55,279	48,23,666	...	...	...	48,23,666	
Establishment ...	11,46,855	11,629	11,58,484	...	...	...	11,58,484	
Tools and Plant ...	1,26,141	—3,173	1,22,968	...	...	...	1,22,968	
Suspense Accounts ...	...	...	...	...	...	...	...	
Total ...	60,41,383	63,735	61,05,118	...	...	...	61,05,118	
Less—Receipts on Capital Account ...	8,382	...	8,382	...	...	...	8,382	
Net Total ...	60,33,001	63,735	60,96,736	...	...	...	60,96,736	
INDIRECT CHARGES.								
Capitalized abatement of Land Revenue ...	1,83,159	1,715	1,84,874	...	...	...	1,84,874	
Leave and Pension Allowances ...	1,77,833	1,628	1,79,461	...	...	...	1,79,461	
Total ...	3,60,992	3,343	3,64,335	...	...	...	3,64,335	
Grand Total ...	63,93,993	67,078	64,61,071	...	...	...	64,61,071	

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1915-1916.

35.—PROTECTIVE IRRIGATION WORKS.

MHASWAD TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1915-1916.

Receipts.	Total. Previous.	1915-1916.	Total.	Charges.	Total. Previous.	1915-1916.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	6,38,434	39,652 (a) 210	6,78,296	1. Head Works ...	17,901	...	17,901
3. Sales of water ...	556	...	556	2. Main Canals and Branches ...	2,018	30	2,048
4. Water-supply of towns.	29,806	...	29,806	3. Distributaries ...	98	1,985	2,083
5. Plantations ...	18,392	2,062	21,498	Total ...	20,017	2,015	22,032
6. Other canal produce		1,044		II.—MAINTENANCE AND REPAIRS.			
9. Rents of buildings.	1,189	30	1,219	1. Head Works ...	51,658	1,078	52,736
10. Fines	4	181	185	2. Main Canals and Branches ...	1,03,697	2,959	1,06,656
11. Miscellaneous receipts	35,497	117	35,614	3. Distributaries ...	59,927	2,609	62,536
Total ...	7,23,878	43,296	7,67,174	Total ...	2,15,282	6,646	2,21,928
II.—INDIRECT RECEIPTS.							
Irrigation share of Land Revenue collected in the Civil Department.	...	...	...	III.—COMPENSATION ...	75	...	75
				IV.—ESTABLISHMENT.			
				1 & 2. Direction and Accounts ...	22,655	390	23,045
				3. Executive	1,47,727	8,082	1,55,809
				4. Medical	66	...	66
				Total ...	1,70,448	8,472	1,78,920
Total Receipts ...	7,23,878	43,296	7,67,174				
				V.—TOOLS AND PLANT ...	5,366	130	5,496
Carried over ...	7,23,878	43,296	7,67,174	Carried over ...	4,11,188	17,263	4,28,451

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1915-1916.

35.—PROTECTIVE IRRIGATION WORKS.

MHASWAD TANK.

TANK PROJECT.

No. 3.—*Revenue Account for, and to end of,* 1915-1916.

Receipts.	Total.			Charges.	Total.		
	Previous.	1915-1916.	Total.		Previous.	1915-1916.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
Brought forward ...	7,23,878	43,296	7,67,174	Brought forward ...	4,11,188	17,263	4,28,451
				VI.—REFUNDS OF REVENUE	162	80	242
				Total ...	4,11,350	17,343	4,28,693
				Share of Collection Charges in the Civil Department	33,198	1,843 (a) 210	35,251
				Indirect Charges debitable to Revenue Account as per Account No. 5	23,920	1,186	25,106
				Total Charges ...	4,68,468	20,582	4,89,050
				Balance Net Revenue ...	2,55,410	22,714	2,78,124
Grand Total ...	7,23,878	43,296	7,67,174	Grand Total ...	7,23,878	43,296	7,67,174

(a) Amount adjusted by credit to water-rates and debit *per contra* on account of collection charges for the revenue realised by the Aundh State.

N.B.—Last Capital Account detailed in the Administrative Accounts for 1906-1907.
Construction Estimate closed on 31st March 1901, *vide* G. R. No. 1197, dated 10th June 1901.
Completion Report approved in G. R. No. 1106, dated 22nd April 1903.

No. 4.—*Interest Account for, and to end of,* 1915-1916.

	Amount.		Amount.
	Rs.		Rs.
		Net revenue realized to end of 1914-1915.	2,55,410
		Do. during 1915-1916.	22,714
Total Interest charges to end of 1914-1915	24,61,790		2,78,124
Interest charges for the year 1915-1916 .	69,643	Balance net Interest charges	22,53,309
Total ...	25,31,433	Total ...	25,31,433

No. 5.—*Account of Indirect Charges for, and to end of,* 1915-1916.

Particulars.	Previous.	1915-1916.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
1. Capitalized abatement of Land Revenue	58	.....	58
2. Leave and Pension Allowances	23,862	1,186	25,048
Total ...	23,920	1,186	25,106

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1915-1916.

35.—PROTECTIVE IRRIGATION WORKS.

MA'LA'DEVI TANK.

TANK PROJECT.

No. 2.—Capital Account for, and to end of, 1915-1916.

Heads of Account.	Direct Charges.			Cost of construction as now estimated.	Expenditure against closed estimates.
	Previous.	1915-1916.	Total.		
I.—WORKS.	Rs.	Rs.	Rs.	Rs.	Rs.
(1)—Head Works.					
A. Preliminary Expenses	5,327	...	5,327	5,327	...
B. Land	13,576	...	13,576	13,990	...
C. Masonry Works	85,812	...	85,812	85,823	...
K. Buildings	3,707	...	3,707	3,706	...
L. Earth-work	1,34,417	...	1,34,417	1,34,443	...
P. Maintenance	30	...	30	30	...
Total, Head Works ...	2,42,869	...	2,42,869	2,43,319	...
Total, I.—Works ...	2,42,869	...	2,42,869	2,43,319	...
II.—ESTABLISHMENT.					
1 & 2. Direction and Accounts	11,436	...	11,436	11,459	...
3. Executive	49,110	...	49,110	49,194	...
Total, II.—Establishment ...	60,546	...	60,546	60,653	...
III.—TOOLS AND PLANT ...	1,473	...	1,473	1,473	...
Grand Total ...	3,04,888	...	3,04,888	3,05,445	...
V.—*Less*—Receipts on Capital Account ...	2,770	78	2,848	774	...
Net Outlay ...	3,02,118	—78	3,02,040	3,04,671	...
APPORTIONMENT.					
Chargeable to 35.—Construction of Protective Irrigation Works ...	2,88,781	—78	2,88,703	3,04,671	...
Do. 43.—Minor Works and Navigation	13,337	...	13,337		
Total ...	3,02,118	—78	3,02,040	3,04,671	...

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1915-1916.

35.—PROTECTIVE IRRIGATION WORKS.

MA'LA'DEVI TANK.

TANK PROJECT.

No. 4.—Interest Account for, and to end of, 1915-1916.

	Amount.		Amount.
	Rs.		Rs.
Total Interest charges to end of 1914-1915...	1,80,403	Net Revenue realized to end of 1914-1915...	.....
		Do. during 1915-1916 ...	.....
			.....
Interest charges for the year 1915-1916 ...	10,490	Balance net Interest charges	1,90,893
Total ...	1,90,893	Total ...	1,90,893

No. 5.—Account of Indirect Charges for, and to end of, 1915-1916.

Particulars.	Previous.	1914-1915.	Total.
CAPITAL—	Rs.	Rs.	Rs.
1. Capitalized abatement of Land Revenue	875	.....	875
2. Leave and Pension Allowances	9,013	.....	9,013
Total ...	9,888	.....	9,888

No. 6.—Statement comparing Charges to date with sanctioned Estimates.

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current Sanctions.	REMARKS.
	Expenditure against construction Estimate.	Expenditure against open Capital Sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Works ...	...	...	...	2,42,869	2,43,319	450	2,42,869	This work is a part of the Pravara River Irrigation Project, but separate account has been maintained until the new project is completed sufficiently to give an increased supply of water to the other canals—*vide* Government of India's No. 1951-I, dated 18th September 1908, communicated in Government Resolution No. 2721 of 20th October 1908. Estimate amounting to Rs. 3,14,574 for direct and indirect charges included in the above project sanctioned in the Secretary of State's Despatch No. 38-P. W., dated 9th August 1907, communicated in Government of India's No. 1631 of 23rd September 1907—*vide* Government Resolution No. 2557 of 22nd October 1907, has been shown here.
Establishment ...	...	...	...	60,546	60,653	107	60,546	
Tools and Plant...	...	...	...	1,473	1,473	...	1,473	
Total ...	...	...	...	3,04,888	3,05,445	557	3,04,888	
Less—Receipts on Capital Account.	...	...	...	2,848	774	—2,074	2,848	
Net Total ...	...	...	...	3,02,040	3,04,671	2,631	3,02,040	
INDIRECT CHARGES.								
Capitalized abatement of Land Revenue.	...	...	...	875	875	...	875	
Leave and Pension Allowances ...	...	...	...	9,013	9,028	15	9,013	
Total ...	...	...	...	9,888	9,903	15	9,888	
Grand Total ...	...	...	...	3,11,928	3,14,574	2,616	3,11,928	

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1915-1916.

35.—PROTECTIVE IRRIGATION WORKS.

BUDHIHAL TANK.

TANK PROJECT.

No. 2.—Capital Account for, and to end of, 1915-1916.

Heads of Account.	Direct Charges.			Cost of construction as now estimated.	Expenditure against closed estimates.
	Previous	1915-1916.	Total.		
	Rs.	Rs.	Rs.	Rs.	Rs.
I.—Works.					
(1)—*Head Works.*					
A. Preliminary Expenses	836	...	836	1,600	...
B. Land	8,174	...	8,174	30,204	...
C. Masonry Works	45,988	...	45,988	1,50,393	...
K. Buildings	5,696	...	5,696	5,696	...
L. Earth-work	3,28,697	...	3,28,697	7,63,791	...
O. Miscellaneous	4,993	...	4,993	7,656	...
P. Maintenance	3,098	295	3,393	3,631	...
Total, Head Works ...	3,97,482	295	3,97,777	9,62,971	...
(2)—*Main Canals and Branches.*					
Total, Main Canals and Branches ...	...	...	...	*1,66,500	...
Total, I.—Works ...	3,97,482	295	3,97,777	11,29,471	...
II.—Establishment.					
1 & 2. Direction and Accounts	19,434	13	19,447	54,973	...
3. Executive	69,981	50	70,031	1,97,617	...
Total, II.—Establishment ...	89,415	63	89,478	2,52,590	...
III.—Tools and Plant ...	5,018	4	5,022	16,468	...
Grand Total ..	4,91,915	362	4,92,277	13,98,529	...
V.—*Less*—Receipts on Capital Account ...	1,208	171	1,379	...	...
Net Outlay ...	4,90,707	191	4,90,898	13,98,529	...
Apportionment.					
Chargeable to 35.—Construction of Protective Irrigation Works ...	35,836	191	36,027	13,98,529	...
Do. 43.—Minor Works and Navigation	29,588	...	29,588		
Do. 33.—Famine Relief ...	4,25,283	...	4,25,283		
Total ...	4,90,707	191	4,90,898	13,98,529	...

* Lump sum provision in the Estimate.

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1915-1916.

35.—PROTECTIVE IRRIGATION WORKS.

BUDHIHAL TANK.

TANK PROJECT.

No. 4.—*Interest Account for, and to end of,* 1915-1916.

	Amount.		Amount.
	Rs.		Rs.
Total Interest charges to end of 1914-1915...	1,67,269	Net Revenue realized to end of 1914-1915...	.....
		Do. during 1915-1916...	.....
			.....
Interest charges for the year 1915-1916 ...	17,043	Balance net Interest charges ...	1,84,312
Total ...	1,84,312	Total ...	1,84,312

No. 5.—*Account of Indirect Charges for, and to end of,* 1915-1916.

Particulars.	Previous.	1915-1916.	Total.
CAPITAL—	Rs.	Rs.	Rs.
1. Capitalized abatement of Land Revenue	5,741	.....	5,741
2. Leave and Pension Allowances	12,518	9	12,527
Total ...	18,259	9	18,268

No. 6.—*Statement comparing Charges to date with sanctioned Estimates.*

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current Sanctions.	REMARKS.
	Expenditure against construction Estimate.	Expenditure against Open Capital Sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Works ...	...	...	...	3,97,777	11,29,471	7,31,694	3,97,777	Estimate sanctioned in the Secretary of State's Despatch No. 21 of 14th April 1905, as per Government of India's No. 793—I of 17th June 1905, communicated in Government Resolution No. 2[illegible] of 1st August 1905.
Establishment ...	...	...	...	89,478	2,52,590	1,63,112	89,478	
Tools and Plant .	...	...	...	5,022	16,468	11,446	5,022	
Total ...	...	...	...	4,92,277	13,98,529	9,06,252	4,92,277	
Less—Receipts on Capital Account.	...	...	...	1,379	...	—1,379	1,379	
Net Total ...	...	...	...	4,90,898	13,98,529	9,07,631	4,90,898	
INDIRECT CHARGES								
Capitalized abatement of Land Revenue ...	...	...	...	5,741	20,720	14,979	5,741	
Leave and Pension Allowances ...	...	...	...	12,527	35,362	22,835	12,527	
Total ...	...	...	...	18,268	56,082	37,814	18,268	
Grand Total ...	...	...	...	5,09,166	14,54,611	9,45,445	5,09,166	

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1915-1916.

35.—PROTECTIVE IRRIGATION WORKS.

NIRA RIGHT BANK CANAL.

CANAL PROJECT.

No. 2.— Capital Account for, and to end of, 1915-1916.

Heads of Account.	Direct Charges. Previous.	1915-1916.	Total.	Cost of construction as now estimated.	Expenditure against closed estimates.
I.—WORKS.	Rs.	Rs.	Rs.	Rs.	Rs.
(1)—*Head Works.*					
A. Preliminary Expenses ...	19,876 (a) 20,000	...	39,876	20,000	.....
B. Land	9,178	14,604	23,782	3,59,630	.....
C. Works	14,19,607	6,58,560 *1	20,78,168	68,99,923	.....
K. Buildings	85,584	4,247	89,831	90,592	.....
O. Miscellaneous	66,100	18,539	84,639	1,06,160	.....
P. Maintenance	782	10,198	10,980	9,125	.....
Total, Head Works ...	16,21,127	7,06,149	23,27,276	74,85,430	.....
(2)—*Main Canals and Branches.*					
A. Preliminary Expenses ...	(b)—75,098 81,612 (a) 1,70,970	3,633	1,81,117	1,72,530	.....
B. Land	61,617 (b) 75,098	22,895	1,59,610	2,03,625	.....
D. Regulators	.....	...	.....	1,68,981	.....
F. River and Hill Torrent Works ...	82,532	1,23,978	2,06,510	23,86,367	.....
G. Bridges	38,290	12,434	50,724	1,98,572	.....
H. Escapes	.....	707	707	1,050	.....
K. Buildings	1,05,819	54,735	1,60,554	2,55,500	.....
L. Earth-work	31,95,168	12,35,827	44,30,995	62,40,242	.....
M. Plantations	9,817	6,211	16,028	35,000	.....
O. Miscellaneous	2,254	2,323	4,577	4,169	.....
P. Maintenance	90,247	44,631	1,34,878	1,93,387	.....
Total, Main Canals and Branches ...	38,38,326	15,07,374	53,45,700	98,59,428	.....
(3)—*Distributaries.*					
A. Preliminary Expenses ..	4,072	2,095	6,167	.....	.....
B. Land	.....	...	... ...	1,47,480	.....
C. Works	3,023	934	3,957	27,99,937	.....
Total, Distributaries ...	7,095	3,029	10,124	29,47,417	.....
Total, I.—Works ...	54,66,548	22,16,552	76,83,100	2,02,92,270	.....
II.—ESTABLISHMENT.					
1 & 2. Direction and Accounts ...	1,64,812	69,237	2,34,049	43,54,327	.....
3. Executive	5,57,239	2,74,835	8,32,074		
Total, Establishment ...	7,22,051	3,44,072	10,66,123	43,54,327	.....
III.—TOOLS AND PLANT	5,28,264	3,178	5,31,442	3,25,271	.....
IV.—Suspense Accounts	19,745	—11,936	7,809	.....	.....
Grand Total ...	67,36,608	25,51,866	92,88,474	2,49,71,868	.....
V.—*Less*—Receipts on Capital Account	2,193	1,474	3,667	.....	.....
Net Outlay ...	67,34,415	25,50,392	92,84,807	2,49,71,868	.....
APPORTIONMENT.					
Chargeable to 35.—Construction of Protective Irrigation Works ..	67,34,415	25,50,392	92,84,807	2,49,71,868	.....

(a) Represents Outlay on preliminary expenses incurred before the Project was actually started brought on in previous Column of this account against the project provision *vide* paragraph 1962 P. W. D. Code, Vol. II.

(b) Erroneous classification in previous year now rectified.

*Entry made by *plus* and *minus* adjustment *vide* C. G.'s letter No. A.C.-2248—186—16, dated 15th November 1916.

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1915-1916.

35.—PROTECTIVE IRRIGATION WORKS.

NIRA RIGHT BANK CANAL.

CANAL PROJECT.

No. 4.—Interest Account for, and to end of, 1915-1916.

	Amount.		Amount.
	Rs.		Rs.
Total Interest charges to end of 1914-15.	2,47,787	Net Revenue realized to end of 1914-15.	.....
		Net Revenue realized during 1915-16 .	.....
Interest charges for the year 1915-16 ...	2,78,134		.....
		Balance net Interest charges ...	5,25,921
Total ...	5,25,921	Total ...	5,25,921

No. 5.—Account of Indirect Charges for, and to end of, 1915-1916.

Particulars.	Previous.	1915-1916.	Total.
	Rs.	Rs.	Rs.
CAPITAL—			
1. Capitalized abatement of Land Revenue	49,229	7,362	56,591
2. Leave and Pension Allowances	1,01,087	48,170	1,49,257
Total ...	1,50,316	55,532	2,05,848

No. 6.—Statement comparing Charges to date with sanctioned Estimates.

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current Sanctions.	Remarks.
	Expenditure against construction Estimate.	Expenditure against open Capital Sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Works	...	...	...	76,83,100	2,02,92,270	1,26,09,170	76,83,100	
Establishment... ...	...	...	...	10,66,123	43,54,327	32,88,204	10,66,123	
Tools and Plant ...	...	...	...	5,31,442	3,25,271	—2,06,171	5,31,442	
Suspense Accounts ...	...	...	...	7,809	...	—7,809	7,809	
Total ...	...	...	...	92,88,474	2,49,71,868	1,56,83,394	92,88,474	
Less—Receipts on Capital Account	...	...	...	3,667	...	—3,667	3,667	
Net Total ...	...	...	...	92,84,807	2,49,71,868	1,56,87,061	92,84,807	
INDIRECT CHARGES.								
Capitalized abatement of Land Revenue ...	...	...	...	56,591	1,91,025	1,34,434	56,591	
Leave and Pension Allowances	...	...	...	1,49,257	6,09,606	4,60,349	1,49,257	
Total ...	...	...	...	2,05,848	8,00,631	5,94,783	2,05,848	
Grand Total ...	...	...	...	94,90,655	2,57,72,499	1,62,81,844	94,90,655	Estimate sanctioned in Secretary of State's Despatch No. P. W.-30, dated 14th June 1912—*vide* Government of India's No. 697-I., dated 16th July 1912, communicated in G. R. No. 7653, dated 21st August 1912.

N.B.—From the sanctioned provision of works Rs. 41,293 have been transferred to that of Tools and Plant—*vide* Government Resolution No. A. I.—1988, dated 17th February 1915 and No. A. I.—4435, dated 26th April 1916.

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1915-1916.

49.—IRRIGATION WORKS.

DESERT CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1915-1916.

Receipts.	Total. Previous	1915-1916.	Total.	Charges.	Total. Previous.	1915-1916.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	17,67,149	91,828	18,58,977	1. Head Works ...	4789	...	4,789
5. Plantations ...	2,765	73	2,909	2. Main Canals and Branches ...	1,88,435	508	1,88,943
6. Other Canal Produce ...		71		3. Distributaries ...	48,299	...	48,299
9. Rents of Buildings.	8,966	437	9,403	Total ...	2,41,523	508	2,42,031
10. Fines ...	14,769	533	15,302				
11. Miscellaneous Receipts ...	19,697	793	20,490	II.—MAINTENANCE AND REPAIRS.			
Total ...	18,13,346	93,735	19,07,081	1. Head Works ...	43,743	...	43,743.
				2. Main Canals and Branches ...	21,09,356	65,389	21,74,745
II.—INDIRECT RECEIPTS.				3. Distributaries ...	41,270	...	41,270
Irrigation share of Land Revenue collected in the Civil Department	58,71,665	2,99,216	61,70,881	Total ...	21,94,369	65,389	22,59,758
				III.—COMPENSATION...	279	...	279
Four per cent. on $\frac{9}{10}$ths of the proceeds from sales of occupancy rights per Government of India Nos. 53 & 58—A. I., dated, respectively, 20th June and 1st August 1889, communicated in Government Resolution No. 1209, dated 10th July, and No. 1913, dated 7th November 1889 ...	37,107	2,071	39,178	IV.—ESTABLISHMENT.			
				1 & 2. Direction and Accounts ...	1,09,877	2,141	1,12,018
				3. Executive ...	3,51,976	21,783	3,73,759
				Total ...	4,61,853	23,924	4,85,777
				V.—TOOLS AND PLANT ...	22,615	864	23,479
Total ...	9,08,772	3,01,287	62,10,059	VI.—REFUNDS OF REVENUE. ...	7,245	...	7,245
Total, Receipts ...	77,22,118	3,95,022	81,17,140	Total ...	29,27,884	90,685	30,18,569
Note.—Loss to the canal on account of difference between assessment of water-rates on Jághir lands and also on lands in Khilát Territory, and assessment at the ordinary rates in force for Government lands noted here per Government of India Letter No. 233-I., dated 14th June 1883, communicated under Government Resolution No. 400, dated 11th August 1883 :— Rs. To end of 1914-1915. 16,94,218 Loss for 1915 1916... 90,834 Total ...17,85,052				Share of Collection Charges in the Civil Department	4,34,243	18,010	4,52,253
				Indirect Charges debitable to Revenue Account as per Account No. 5	70,570	3,349	73,919
				Total, Charges ...	34,32,697	1,12,044	35,44,741
				Balance Net Revenue ...	42,89,421	2,82,978	45,72,399
Grand Total ...	77,22,118	3,95,022	81,17,140	Grand Total ...	77,22,118	3,95,022	81,17,140

N.B.—Last Capital Account detailed in the Administrative Accounts for 1912-13. Construction Estimate closed on 31st March 1892—*vide* Government Resolution No. 1253, dated 28th July 1891. Completion Report approved in Government Resolution No. 1760, dated 10th November 1893.

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1915-1916.

49.—IRRIGATION WORKS.

DESERT CANAL.

CANAL PROJECT.

No. 4.—Interest Account for, and to end of, 1915-1916.

	Amount.		Amount.
	Rs.		Rs.
Total Interest charges to end of 1914-1915 ...	23,99,395	Net Revenue realized to end of 1914-1915 ...	42,89,421
		Do. during 1915-1916 ...	2,82,978
			45,72,399
Interest charges for the year 1915-1916 ...	91,705		
		Balance net Interest charges	—20,81,299
Total ...	24,91,100	Total ...	24,91,100

No. 5.—Account of Indirect Charges for, and to end of, 1915-1916.

Particulars.	Previous.	1915-1916.	Total.
REVENUE—	Rs.	Rs.	Rs.
1. Capitalized abatement of Land Revenue	3,873	.....	3,873
2. Leave and Pension Allowances	66,697	3,349	70,046
Total ...	70,570	3,349	73,919

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1915-1916.

49.—IRRIGATION WORKS.

UNHARWA'H.

CANAL PROJECT.

No. 2.—Capital Account for, and to end of, 1915-1916.

Heads of Account.	Direct Charges.			Cost of Construction as now estimated (Construction estimate closed on 31st March 1891).	Expenditure against closed estimates.
	Previous.	1915-1916.	Total.		
I.—Works.	Rs.	Rs.	Rs.	Rs.	Rs.
(1)—Head Works.					
C. Works	56,970	...	56,970	56,970	56,970
(2)—Main Canals and Branches.					
A. Preliminary Expenses	817	...	817	817	817
B. Land	144	...	144	144	144
D. Regulators	1,03,191	3	1,03,194	1,03,194	1,03,194
G. Birdges	18,314	...	18,314	18,314	18,314
K. Buildings	20,660	...	20,660	20,660	20,660
L. Earth-work	3,58,463	...	3,58,463	3,58,463	3,58,463
M. Plantations	1,179	...	1,179	1,179	1,179
Total Main Canals and Branches ...	5,02,768	3	5,02,771	5,02,771	5,02,771
(3)—Distributaries.					
C. Works	38,405	...	38,405	38,405	38,405
L. Earth-work	28,987	...	28,987	28,987	28,987
O. Miscellaneous	4,089	...	4,089	4,089	4,089
Total Distributaries ...	71,481	...	71,481	71,481	71,481
Total I—Works ...	6,31,219	3	6,31,222	6,31,222	6,31,222
II.—Establishment.					
1. & 2. Direction and Accounts... ...	31,246	...	31,246	31,246	31,246
3. Executive	1,03,233	...	1,03,233	1,03,233	1,03,233
Total Establishment ...	1,34,479	...	1,34,479	1,34,479	1,34,479
III.—Tools and Plant ...	2,349	...	2,349	2,349	2,349
Grand Total ...	7,68,047	3	7,68,050	7,68,050	7,68,050
V.—*Less*—Receipts on Capital Account ...	...	...	...	...	...
Net Outlay ...	7,68,047	3	7,68,050	7,68,050	7,68,050
Apportionment.					
Chargeable to 49.—Irrigation	7,63,576	3	7,63,579	7,63,579	7,63,579
Do. 43.—Minor Works and Navigation	4,471	...	4,471	4,471	4,471
Total ...	7,68,047	3	7,68,050	7,68,050	7,68,050

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1915-1916.

49.—IRRIGATION WORKS.

UNHARWA'H.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1915-1916.

Receipts.	Total. Previous.	1915-1916.	Total.
I.—DIRECT RECEIPTS.			
1. Water-rates from Irrigation ...	4,294	251	4,545
4. Water supply of towns ...	41	...	41
5. Plantations ...	1,274	35	1,327
6. Other canal preduce.		18	
9. Rents of buildings.	103	...	103
10. Fines	7,557	495	8,052
11. Miscellaneous receipts ...	5,372	254	5,626
Total ...	18,641	1,053	19,694
II.—INDIRECT RECEIPTS.			
Irrigation share of Land Revenue collected in the Civil Department	35,30,075	1,74,182	37,04,257
Four per cent. on $\frac{9}{10}$ths of the proceeds from sales of occupancy rights per Government of India Nos. 53 and 58-A.I., dated respectively, 20th June and 1st August 1889, communicated in Government Resolutions No. 1209, dated 10th July, and No. 1913, dated 7th November 1889 ...	59,539	2,987	62,526
Total ...	35,89,614	1,77,169	37,66,783
Total, Receipts ...	36,08,255	1,78,222	37,86,477

Note.—Loss to the canal on account of difference between assessment of water-rates on Jághir lands and assessment at the ordinary rates in force for Government lands noted here per Government of India Letter No. 233-I., dated 14th June 1883, communicated under Government Resolution No. 400, dated 11th August 1883.

	Rs.
To end of 1914-1915 ...	16,224
Loss for 1915-1916 ...	1,064
Total ..	17,288

Charges.	Total. Previous.	1915-1916.	Total.
	Rs.	Rs.	Rs.
I.—EXTENSIONS AND IMPROVEMENTS.			
1. Head Works ...	76,109	...	76,109
2. Main Canals and Branches	41,373	3,559	44,932
3. Distributaries ..	7,467	...	7,467
Total ...	1,24,949	3,559	1,28,508
II.—MAINTENANCE AND REPAIRS.			
1. Head Works ...	387	...	387
2. Main Canals and Branches... ..	6,33,500	25,552	6,59,052
3. Distributaries ...	11,224	...	11,224
Total ...	6,45,111	25,552	6,70,663
IV.—ESTABLISHMENT.			
1 & 2. Direction and Accounts	35,087	960	36,047
3. Executive	70,784	8,726	79,510
Total ..	1,05,871	9,686	1,15,557
V.—TOOLS AND PLANT ..	6,040	388	6,428
Total ..	8,81,971	39,185	9,21,156
Share of Collection Charges in the Civil Department	2,32,982	10,496	2,43,478
Indirect Charges debitable to Revenue Account as per Account No. 5	18,199	1,356	19,555
Total, Charges ..	11,33,152	51,037	11,84,189
Balance Net Revenue ...	24,75,103	1,27,185	26,02,288
Grand Total ...	36,08,255	1,78,222	37,86,477
Grand Total ...	36,08,255	1,78,222	37,86,477

N.B.—Construction Estimate closed on 31st March 1891—*vide* Government Resolution No. 1253, dated 28th July 1891. Completion Report approved in Government Resolution No. 590, dated 6th April 1892.

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1915-1916.

49.—IRRIGATION WORKS.

UNHARWA'H.

CANAL PROJECT.

No. 4.—Interest Account for, and to end of, 1915-1916.

	Amount.		Amount.
	Rs.		Rs.
Total Interest charges to end of 1914-1915 ...	6,26,442	Net Revenue realized to end of 1914-1915...	24,75,103
		Do. during 1915-1916 ...	1,27,185
Interest charges for the year 1915-1916 ...	26,670		26,02,288
		Balance net Interest charges	—19,49,176
Total ...	6,53,112	Total ...	6,53,112

No. 5.—Account of Indirect Charges for, and to end of, 1915-1916.

Particulars.	Previous.	1915-1916.	Total.
CAPITAL—	Rs.	Rs.	Rs.
1. Capitalized abatement of Land Revenue	1,953	.....	1,953
2. Leave and Pension Allowances	18,827	.....	18,827
Total ...	20,780	.....	20,780
REVENUE—			
1. Capitalized abatement of Land Revenue	3,378	... ..	3,378
2. Leave and Pension Allowances	14,821	1,356	16,177
Total ...	18,199	1,356	19,555

No. 6.—Statement comparing Charges to date with sanctioned Estimates.

Particulars.	Charges against closed Sanctions.			Current Sanctions.			Total charges to date against old and current Sanctions.	Remarks.
	Expenditure against construction Estimate.	Expenditure against Open Capital Sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Works	2,79,267	3,51,955	6,31,222	...	...	...	6,31,222	
Establishment ...	52,087	82,392	1,34,479	...	...	...	1,34,479	
Tools and Plant ...	481	1,868	2,349	...	...	...	2,349	
Total ...	3,31,835	4,36,215	7,68,050	...	...	...	7,68,050	
Less—Receipts on Capital Account ...	...	...	...	...	...	...	...	
Net Total ...	3,31,835	4,36,215	7,68,050	...	...	...	7,68,050	
INDIRECT CHARGES.								
Capitalized abatement of Land Revenue ...	...	1,953	1,953	...	...	...	1,953	
Leave and Pension Allowances ...	7,293	11,534	18,827	...	...	...	18,827	
Total ...	7,293	13,487	20,780	...	...	...	20,780	
Grand Total ...	3,39,128	4,49,702	7,88,830	...	...	...	7,88,830	

Note.—Estimate sanctioned in Government Resolution No. W. I.-4192, dated 7th April 1914 was closed during the year 1914-15. The expenditure of Rs. 3 incurred during the year 1915-16 represent arrears paid chargcd to work.

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1915-1916.

49.—IRRIGATION WORKS.

BEGARI CANAL.

CANAL PROJECT.

No. 2.—Capital Account for, and to end of, 1915-1916.

Heads of Account.	Direct Charges.			Cost of construction as now estimated. (Construction estimate closed o 31st March 1891).	Expenditure against closed estimates.
	Previous.	1915-1916.	Total.		
I.—Works.	Rs.	Rs.	Rs.	Rs.	Rs.
(2)—*Main Canals and Branches.*					
B. Land	24,888	...	24,888	27,693	409
D. Regulators	3,57,038	...	3,57,038	3,57,039	2,98,290
G. Bridges	70,650	...	70,650	70,649	66,673
H. Escapes	7,092	...	7,092	7,092	7,092
I. Navigation Works	2,065	...	2,065	2,065	2,065
K. Buildings	35,779	...	35,779	35,778	22,690
L. Earth-work	10,59,759	...	10,59,759	10,59,759	9,64,207
M. Plantations	11,455	...	11,455	11,455	11,266
O. Miscellaneous	4,543	...	4,543	4,543	3,544
Total, Main Canals and Branches ...	15,73,269	...	15,73,269	15,76,073	13,76,236
(3)—*Distributaries.*					
A. Preliminary Expenses ...	9,039	...	9,039	9,039	.....
B. Land	21,365	406	21,771	97,974	111
C. Works	2,16,984	—924	2,16,060	2,16,436	1,79,901
L. Earth-work	1,90,495	1,015	1,91,510	2,18,682	10,972
Total, Distributaries ...	4,37,883	497	4,38,380	5,42,131	1,90,984
Total, I—Works ...	20,11,152	497	20,11,649	21,18,204	15,67,220
II.—Establishment.					
1 & 2. Direction and Accounts ...	81,800	8	81,808	3,45,519	61,758
3. Executive	2,72,396	30	2,72,126		2,05,029
Total, Establishment ...	3,54,196	38	3,54,234	3,45,519	2,66,787
III.—Tools and Plant ...	6,276	3	6,279	6,277	4,722
IV.—Suspense Accounts ...	.....	...	.....	.....	.....
Grand Total ...	23,71,624	538	23,72,162	24,70,000	18,38,729
V.—*Less*—Receipts on Capital Account	19	...	19	19	19
Net Outlay ...	23,71,605	538	23,72,143	24,69,981	18,38,710
Apportionment.					
Chargeable to 49.—Irrigation ...	23,71,605	538	23,72,143	24,69,981	18,38,710

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1915-1916.

49.—IRRIGATION WORKS.

BEGA'RI CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1915-1916.

Receipts.	Total. Previous.	1915-1916.	Total.	Charges.	Total. Previous.	1915-1916.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	12,03,135	31,774	12,34,909				
3. Sales of Water ...	518	...	518	1. Head Works ...	1,255	...	1,255
4. Water-supply of Towns.	663	218	881	2. Main Canals and Branches... ...	3,17,824	2,903	3,20,727
5. Plantations ...	9,568	25	9,815	3. Distributaries ...	11,850	—543	11,307
6. Other Canal Produce.		222		Total ...	3,30,929	2,360	3,33,289
9. Rents of Buildings.	211	16	227				
10. Fines ...	11,166	1,518	12,684	II.—MAINTENANCE AND REPAIRS.			
11. Miscellaneous Receipts ...	33,474	2,361	35,835	2. Main Canals and Branches... ...	28,42,641	98,250	29,40,891
Total ...	12,58,735	36,134	12,94,869	3. Distributaries ...	26,015	...	26,015
II.—INDIRECT RECEIPTS.				4. Drainage and Protective Works ...	17,343	...	17,343
Irrigation share of Land Revenue collected in the Civil Department.	1,33,73,151	5,48,465	1,39,21,616	Total ...	28,85,999	98,250	29,84,249
4 per cent. on $\frac{9}{10}$ths of the proceeds from sales of occupancy rights per Government of India Nos. 53 & 58—A. I., dated, respectively, 20th June and 1st August 1889, communicated in Government Resolutions No. 1209, dated 10th July, and No. 1913, dated 7th November 1889 ...	1,77,532	8,658	1,86,190	IV.—ESTABLISHMENT.			
				1 & 2. Direction and Accounts ...	1,51,683	3,327	1,55,010
				3. Executive	5,40,056	32,072	5,72,128
				Total ...	6,91,739	35,399	7,27,138
				V.—TOOLS AND PLANT ...	31,664	1,343	33,007
				VI.—REFUNDS OF REVENUE	1,751	...	1,751
Total ...	1,35,50,683	5,57,123	1,41,07,806	Suspense Account ...	...	699	699
Total, Receipts ...	1,48,09,418	5,93,257	1,54,02,675	Total ...	39,42,082	1,38,051	40,80,133
Note.—Loss to the canal on account of difference between assessment of water-rates on Jághir lands and also on lands in Khilát Territory, and assessment at the ordinary rates in force for Government lands noted here per Government of India letter No. 233-I., dated 14th June 1883, communicated under Government Resolution No. 400, dated 11th August 1883.				Share of Collection Charges in the Civil Department	10,30,355	33,293	10,63,648
				Indirect Charges debitable to Revenue Account as per Account No. 5...	1,09,426	5,527	1,14,953
				Total, Charges ...	50,81,863	1,76,871	52,58,734
				Balance Net Revenue ...	97,27,555	4,16,386	1,01,43,941
Rs.							
To end of 1914-1915. 19,57,518							
Loss for 1915-1916. 69,953							
Total ...20,27,471							
Grand Total ...	1,48,09,418	5,93,257	1,54,02,675	Grand Total ...	1,48,09,418	5,93,257	1,54,02,675

N.B.—Construction Estimate closed on 31st March 1891—*Vide* Government Resolution No. 1253, dated 28th July 1891.
Completion Report approved in Government Resolution No. 753, dated 11th May 1892.

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1915-1916.

49.—IRRIGATION WORKS.

BEGA'RI CANAL.

CANAL PROJECT.

No. 4.—Interest Account for, and to end of, 1915-1916.

	Amount.		Amount.
	Rs.		Rs.
		Net Revenue realized to end of 1914-15.	97,27,555
Total Interest charges to end of 1914-15.	27,75,600	Do. during 1915-1916 .	4,16,386
			1,01,43,941
Interest charges for the year 1915-1916	82,363	Balance net Interest charges	—72,85,978
Total ...	28,57,963	Total ...	28,57,963

No. 5.—Account of Indirect Charges for, and to end of, 1915-1916.

Particulars.	Previous.	1915-1916.	Total.
	Rs.	Rs.	Rs.
CAPITAL—			
1. Capitalized abatement of Land Revenue	17,912	.....	17,912
2. Leave and Pension Allowances	60,627	5	60,632
Total ...	78,539	5	78,544
REVENUE—			
1. Capitalized abatement of Land Revenue	1,402	571	1,973
2. Leave and Pension Allowances	1,08,024	4,956	1,12,980
Total ...	1,09,426	5,527	1,14,953

No. 6.—Statement comparing Charges to date with sanctioned Estimates.

Particulars.	Charges against closed Sanctions.			Current Sanctions.			Total charges to date against old and current Sanctions.	Remarks.
	Expenditure against construction Estimate.	Expenditure against Open Capital Sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Works ...	13,91,068	1,76,152	15,67,220	4,44,429	5,50,984	1,06,555	20,11,649	Second revised Estimate of the Choi Project sanctioned by the Government of India—*vide* their letter No. 730-I, dated 6th May 1914, communicated in Government Resolution No. W. L-2007, dated 23rd June 1914 ... ... Rs. 6,42,293
Establishment ...	2,29,894	36,893	2,66,787	87,447	78,732	—8,715	3,54,234	
Tools and Plant ...	4,666	56	4,722	1,557	1,555	—2	6,279	
Total ...	16,25,628	2,13,101	18,38,729	5,33,433	6,31,271	97,838	23,72,162	
Less—Receipts on Capital Account ...	19	...	19	...	...	...	19	
Net Total ...	16,25,609	2,13,101	18,38,710	5,33,433	6,31,271	97,838	23,72,143	
INDIRECT CHARGES.								
Capitalized abatement of Land Revenue ...	4,246	949	5,195	12,717	...	—12,717	17,912	
Leave and Pension Allowances	43,224	5,165	48,389	12,243	11,022	—1,221	60,632	
Total ...	47,470	6,114	53,584	24,960	11,022	—13,938	78,544	
Grand Total ...	16,73,079	2,19,215	18,92,294	5,58,393	*6,42,293	83,900	24,50,687	

* Includes Rs. 68,012 on account of the cost of water-courses to be recovered from colonists.

IRRIGATION BRANCH. BOMBAY PRESIDENCY

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1915-1916.

49.—IRRIGATION WORKS.

MAHIWAH.

CANAL PROJECT.

No. 2.—Capital Account for, and to end of, 1915-1916.

Heads of Account.	Direct Charges.			Cost of construction as now estimated.	Expenditure against closed Estimates.
	Previous.	1915-1916.	Total.		
I.—WORKS.	Rs.	Rs.	Rs.	Rs.	Rs.
(2)—*Main Canals and Branches.*					
B. Land	60,416	...	60,416	68,616	...
D. Regulators	1,53,899	...	1,53,899	1,61,973	...
E. Falls and Weirs	8,272	...	8,272	8,291	...
G. Bridges	44,200	...	44,200	46,358	...
K. Buildings	34,288	...	34,288	34,288	...
L. Earth-work	4,14,441	...	4,14,441	4,42,880	...
Total, Main Canals and Branches ...	7,15,516	...	7,15,516	7,62,406	...
(3)—*Distributaries.*					
C. Works	69,822	...	69,822	78,946	...
L. Earth-work	79,871	...	79,871	80,121	...
Total, Distributaries ...	1,49,693	...	1,49,693	1,59,067	...
(4)—*Drainage and Protective Works.*					
B. Land	4,210	...	4,210	4,210	...
C. Works	50,954	...	50,954	50,954	...
L. Earth-work	2,04,631	...	2,04,631	2,04,631	...
Total, Drainage and Protective Works ...	2,59,795	...	2,59,795	2,59,795	...
Total, I.—Works ...	11,25,004	...	11,25,004	11,81,268	...
II.—ESTABLISHMENT.					
1 & 2. Direction and Accounts ...	53,473	...	53,473	2,54,486	...
3. Executive	1,90,404	...	1,90,404		
Total, II.—Establishment ...	2,43,877	...	2,43,877	2,54,486	...
III.—TOOLS AND PLANT	9,500	...	9,500	9,500	...
Grand Total ...	13,78,381	...	13,78,381	14,45,254	...
V.—*Less*—Receipts on Capital Account ...	6	...	6	6	...
Net Outlay ...	13,78,375	...	13,78,375	14,45,248	...
APPORTIONMENT.					
Chargeable to 49.—Irrigation	13,78,375	...	13,78,375	14,45,248	...

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1915-1916.

49.—IRRIGATION WORKS.

MAHIWAH.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1915-1916.

Receipts.	Total.			Charges.	Total.		
	Previous.	1915-1916.	Total.		Previous.	1915-1916.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	3,506	239	3,745				
3. Sales of Water ...	6	...	6				
5. Plantations ...	290	41	331	I.—EXTENSIONS AND IMPROVEMENTS.			
6. Other Canal Produce	1,182	226	1,408				
9. Rents of Buildings.	364	16	380	2. Main Canals and Branches	80,485	4,074	84,559
10. Fines	5,051	1,136	6,187	3. Distributaries ...	5,466	...	5,466
11. Miscellaneous Receipts	14,023	350	14,373				
Total ...	24,422	2,008	26,430	Total ...	85,951	4,074	90,025
II.—INDIRECT RECEIPTS.				II.—MAINTENANCE AND REPAIRS.			
				2. Main Canals and Branches ...	4,59,931	43,805	5,03,736
Irrigation share of Land Revenue collected in the Civil Department	8,61,925	23,349	8,85,274	IV.—ESTABLISHMENT.			
4 per cent. on $\frac{9}{10}$ths of the proceeds from sales of occupancy rights per Government of India Nos. 53 and 58-A. I., dated, respectively, 20th June and 1st August 1889, communicated in Government Resolution No. 1209, dated 10th July, and No. 1913, dated 7th November 1889 ...	34,073	2,599	36,672	1 & 2. Direction and Accounts ...	18,537	1,424	19,961
				3. Executive	—6,837	2,309	—4,528
Total ...	8,95,998	25,948	9,21,946	Total ...	11,700	3,733	15,433
				V.—TOOLS AND PLANT ...	2,783	841	3,624
Total, Receipts ...	9,20,420	27,956	9,48,376	Total ...	5,60,365	52,453	6,12,818
Note.—Loss to the canal on account of difference between assessment of water-rates on Jághir lands and assessment at the ordinary rates in force for Government lands noted here per Government of India Letter No. 233-I., dated 14th June 1883, communicated under Government Resolution No. 400, dated 11th August 1883.				Share of Collection Charges in the Civil Department	45,651	1,470	47,121
				Indirect Charges debitable to Revenue Account as per Account No. 5	5,155	523	5,678
Rs.							
To end of 1914-1915... 77,463							
Loss for 1915-1916 ... 3,312							
Total ... 80,775				Total, Charges ...	6,11,171	54,446	6,65,617
				Balance Net Revenue ...	3,09,249	—26,490	2,82,759
Grand Total ...	9,20,420	27,956	9,48,376	Grand Total ...	9,20,420	27,956	9,48,376

IRRIGATION BRANCH. BOMBAY PRESIDENCY

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1915-1916.

49.—IRRIGATION WORKS.

MAHIWAH.

CANAL PROJECT.

No. 4.—Interest Account for, and to end of, 1915-1916.

	Amount.		Amount.
	Rs.		Rs.
Total Interest charges to end of 1914-1915 ...	5,95,658	Net Revenue realized to end of 1914-1915 ...	3,09,249
		Do. during 1915-1916 ...	—26,490
Interest charges for the year 1915-1916 ...	47,864		2,82,759
		Balance net Interest charges	3,60,763
Total ...	6,43,522	Total ...	6,43,522

No. 5.—Account of Indirect Charges for, and to end of, 1915-1916.

Particulars.	Previous.	1915-1916.	Total.
CAPITAL—	Rs.	Rs.	Rs.
1. Capitalized abatement of Land Revenue...	24,649	.....	24,649
2. Leave and Pension Allowances	34,143	.....	34,143
Total ...	58,792	.....	58,792
REVENUE—			
1. Capitalized abatement of Land Revenue	3,518	.....	3,518
2. Leave and Pension Allowances	1,637	523	2,160
Total ...	5,155	523	5,678

No. 6.—Statement comparing Charges to date with sanctioned Estimates.

Particulars.	Charges against closed sanctions.			Current Sanctions.			Total charges to date against old and current sanctions.	Remarks.
	Expenditure against construction Estimate.	Expenditure against Open Capital anctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Works				11,25,004	11,81,268	56,264	11,25,004	Revised Estimate sanctioned in the Secretary of State's Despatch No. 20-P. W., dated 15th July 1910, communicated in Government of India's No. 691-I, dated 8th August 1910, *vide* Government Resolution No. W. I.—2211, dated 15th October 1910 ... ... Rs. 15,17,356
Establishment				2,43,877	2,54,486	10,609	2,43,877	
Tools and Plant				9,500	9,500	...	9,500	
Total				13,78,381	14,45,254	66,873	13,78,381	
Less—Receipts on Capital Account...				6	6	...	6	
Net Total				13,78,375	14,45,248	66,873	13,78,375	
INDIRECT CHARGES.								
Capitalized abatement of Land Revenue...				24,649	36,425	11,776	24,649	
Leave and Pension Allowances				34,143	35,683	1,540	34,143	
Total				58,792	72,108	13,316	58,792	
Grand Total				14,37,167	15,17,356	80,189	14,37,167	*Note.*—From the sanctioned provision of Establishment Rs. 397 have been transferred to that of Tools and Plant, *vide* para. 2 of Government Resolution No. 2228, dated 18th October 1910.

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1915-1916.

49.—IRRIGATION WORKS.

EASTERN NARA WORKS.

CANAL PROJECT.

No. 2.—Capital Account for, and to end of, 1915-1916.

Heads of Account.	Direct Charges.			Cost of construction as now estimated. (Construction estimate closed on 31st March 1898.)	Expenditure against closed estimates.
	Previous.	1915-1916.	Total.		
I.—WORKS.	Rs.	Rs.	Rs.	Rs.	Rs.
(1)—*Head Works.*					
B. Land	1,638	...	1,638	1,638	1,638
C. Works	12,33,300	...	12,33,300	12,33,300	12,33,300
K. Buildings	1,862	...	1,862	1,862	1,862
Total, Head Works ...	12,36,800	...	12,36,800	12,36,800	12,36,800
(2)—*Main Canals and Branches.*					
A. Preliminary Expenses	1,075	1,080	2,155	2,832	1,075
D. Regulators	2,57,668	...	2,57,668	2,57,668	2,57,668
G. Bridges	1,61,703	...	1,61,703	1,61,703	1,61,703
H. Escapes	45,632	...	45,632	45,632	45,632
K. Buildings	93,089	...	93,089	93,089	93,089
L. Earth-work	7,66,537	...	7,66,537	7,66,537	7,66,537
M. Plantations	16,742	...	16,742	16,742	16,742
N. Tanks and Reservoirs	1,441	...	1,441	1,441	1,441
O. Miscellaneous	32,121	...	32,121	32,121	32,121
Total, Main Canals and Branches ...	13,76,008	1,080	13,77,088	13,77,765	13,76,008
(3) *Distributaries.*					
A. Preliminary Expenses	2,430	1,467	3,897	2,977	201
B. Land	...	554	554	2,152	...
C. Works	2,47,865	17,780	2,65,645	2,63,930	2,30,575
L. Earth-work	62,854	42,043	1,04,897	1,15,861	19,513
O. Miscellaneous	11,671	17,205	28,876	27,508	8,587
Total, Distributaries ...	3,24,820	79,049	4,03,869	4,12,428	2,58,876
(4) *Drainage and Protective Works.*					
A. Preliminary Expenses	65,327	...	65,327	65,327	65,327
B. Land	2,832	...	2,832	2,832	2,832
C. Works	2,38,182		2,38,182	2,38,182	2,38,182
L. Earth-work	20,29,845	...	20,29,845	20,29,845	20,29,845
O. Miscellaneous	425	...	425	425	425
Total, Drainage and Protective Works ...	23,36,611	...	23,36,611	23,36,611	23,36,611
Total, I.—Works ...	52,74,239	80,129	53,54,368	53,63,604	52,08,295
II.—ESTABLISHMENT.					
1 & 2. Direction and Accounts	2,68,836	3,490	2,72,326	} 13,42,865	{ 2,65,873
3. Executive	10,51,011	13,183	10,64,194		{ 10,39,800
5. Special Survey	...	3,830	3,830		
Total, II.—Establishment ...	13,19,847	20,503	13,40,350	13,42,865	13,05,673
III.—TOOLS AND PLANT	70,559	1,163	71,722	71,233	68,692
Grand Total ...	66,64,645	1,01,795	67,66,440	67,77,702	65,82,660
V.—*Less*—Receipts on Capital Account ...	176	...	176	176	176
Net Outlay ...	66,64,469	1,01,795	67,66,264	67,77,526	65,82,484
APPORTIONMENT.					
Chargeable to 49.—Irrigation	42,74,679	1,01,795	43,76,474	43,87,736	41,92,694
Chargeable to 43.—Minor Works and Navigation	23,89,790	...	23,89,790	23,89,790	23,89,790
Total ...	66,64,469	1,01,795	67,66,264	67,77,526	65,82,484

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1915-1916.

49.—IRRIGATION WORKS.

EASTERN NÁRA WORKS.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1915-1916.

Receipts.	Total. Previous.	1915-1916.	Total.	Charges.	Total. Previous.	1915-1916.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	4,34,090	5,133	4,39,223	1. Head Works ...	2,403	7,113	9,516
3. Sales of water ...	2,361	185	2,546	2. Main Canals and Branches ...	1,63,921	33,103	1,97,024
5. Plantations ...	2,01,955	769	2,04,945	3. Distributaries ...	27,455	7,731	35,186
6. Other Canal Produce		2,221		4. Drainage and Protective Works ...	1,51,386	...	1,51,386
8. Navigation ...	4,184	25	4,209				
9. Rents of buildings	571	...	571	Total ...	3,45,165	47,947	3,93,112
10. Fines	39,291	264	39,555				
11. Miscellaneous Receipts	5,68,049	6,307	5,74,356	II.—MAINTENANCE AND REPAIRS.			
Total ...	12,50,501	14,904	12,65,405	1. Head Works ...	1,94,902	17,921	2,12,823
				2. Main Canals and Branches	19,35,976	77,703	20,13,679
II.—INDIRECT RECEIPTS.				3. Distributaries ...	70,903	1,337	72,240
				4. Drainage and Protective Works ...	7,39,051	24,569	7,63,620
Irrigation share of Land Revenue collected in the Civil Department.	1,88,97,495	6,72,820	1,95,70,315	Unclassifiable Outlay ...	5,36,057	...	5,36,057
				Total ...	34,76,889	1,21,530	35,98,419
per cent. on 9/10ths of the proceeds from sales of occupancy rights per Government of India Nos. 53 and 58-A. I., dated respectively 20th June and 1st August 1889, communicated in Government Resolutions No. 1209, dated 10th July, and No. 1913, dated 7th November 1889 ...	32,138	3,499	35,637	IV.—ESTABLISHMENT.			
				1 & 2. Direction and Accounts ...	2,31,393	7,285	2,38,678
				3. Executive	11,55,800	24,553	11,80,353
Total ...	1,89,29,633	6,76,319	1,96,05,952	Total ...	13,87,193	31,838	14,19,031
Total, Receipts ...	2,01,80,134	6,91,223	2,08,71,357	V.—TOOLS AND PLANT ...	40,808	1,741	42,549
				VI.—REFUNDS OF REVENUE	8,042	...	8,042
Note.—Loss to the canal on account of difference between assessment of water rates on Jághir lands and assessment at the ordinary rates in force for Government lands noted here per Government of India Letter No. 233-I., dated 14th June 1883, communicated under Government Resolution No. 400, dated 11th August 1883.				Suspense Account ...	415	—216	199
				Total ...	52,58,512	2,02,840	54,61,352
				Share of Collection Charges in the Civil Department	15,04,029	40,842	15,44,871
Rs.							
To end of 1914-1915, 5,38,144				Indirect Charges debitable to Revenue Account as per Account No. 5	2,20,873	4,457	2,25,330
Loss for 1915-1916... 23,385							
Total ... 5,61,529				Total, Charges ...	69,83,414	2,48,139	72,31,553
				Balance Net Revenue ...	1,31,96,720	4,43,084	1,36,39,804
Grand Total ...	2,01,80,134	6,91,223	2,08,71,357	Grand Total ...	2,01,80,134	6,91,223	2,08,71,357

N.B.—Construction Estimate closed on 31st March 1898—*vide* Government Resolution No. 1766, dated 18th November 1895. Completion Report approved in Government Resolution No. 438, dated 17th February 1913.

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1915-1916.

49.—IRRIGATION WORKS.

EASTERN NA'RA WORKS.

CANAL PROJECT.

No. 4.—Interest Account for, and to end of, 1914-1915.

	Amount.		Amount.
	Rs.		Rs.
Total Interest charges to end of 1914-1915 ...	94,67,878	Net Revenue realized to end of 1913-1914 ...	1,31,96,720
Interest charges for the year 1915-1916 ...	2,33,191	Do. during 1914-1915 ...	4,43,084
			1,36,39,804
		Balance net Interest charges ...	—39,38,735
Total ...	97,01,069	Total ...	97,01,069

No. 5.—Account of Indirect Charges for, and to end of, 1915-1916.

Particulars.	Previous.	1915-1916.	Total.
CAPITAL—	Rs.	Rs.	Rs.
1. Capitalized abatement of Land Revenue	2,669	.....	2,669
2. Leave and Pension Allowances	2,28,732	2,870	2,31,602
Total ...	2,31,401	2,870	2,34,271
REVENUE—			
1. Capitalized abatement of Land Revenue	2	.....	2
2. Leave and Pension Allowances	2,20,871	4,457	2,25,328
Total ...	2,20,873	4,457	2,25,330

No. 6.—Statement comparing Charges to date with Sanctioned Estimates.

Particulars.	Charges against closed Sanctions.			Current Sanctions.			Total charges to date against old and current Sanctions.	Remarks.
	Expenditure against Construction Estimate.	Expenditure against Open Capital Sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Works	48,30,172	3,78,123	52,08,295	1,46,073	1,55,309	9,236	53,54,368	
Establishment	11,84,114	1,21,559	13,05,673	34,677	37,192	2,515	13,40,350	
Tools and Plant... ...	50,880	17,812	68,692	3,030	2,541	—489	71,722	
Total ...	60,65,166	5,17,494	65,82,660	1,83,780	1,95,042	11,262	67,66,440	
Less—Receipt on Capital Account ...	179	—3	176	...	...	...	176	
Net Total ...	60,64,987	5,17,497	65,82,484	1,83,780	1,95,042	11,262	67,66,264	
INDIRECT CHARGES.								
Capitalized abatement of Land Revenue ...	2,669	...	2,669	...	854	854	2,669	
Leave and Pension Allowances	2,09,728	17,020	2,26,748	4,854	4,513	—341	2,31,602	
Total ...	2,12,397	17,020	2,29,417	4,854	5,367	513	2,34,271	
Grand Total ...	62,77,384	5,34,517	68,11,901	1,88,634	2,00,409	11,775	70,00,535	Government of India, Public Works Department, No. 1849-I, dated 16th December 1914, communicated in Government Resolution No. W. I., 1621 dated 9th February 1915 ... Rs. 1,91,947 Government Resolution, Public Works Department, No. W. I.-9785, dated 3rd September 1915 ... Rs. 4,962 Government Resolution, Public Works Department; No. W. I.-12316, dated 12th November 1915 ... Rs. 3,500 2,00,409

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1915-1916.

49.—IRRIGATION WORKS.

JÁMRÁO CANAL.

CANAL PROJECT.

No. 2.—Capital Account for, and to end of, 1915-1916.

Heads of Account.	Direct Charges.			Cost of Construction as now estimated. (Construction estimate closed on 31st March 1902.)	Expenditure against closed estimates.
	Previous.	1915-1916.	Total.		
	Rs.	Rs.	Rs.	Rs.	Rs.
I.—WORKS.					
(1)—*Head Works.*					
A. Preliminary Expenses	1,740	1,838	3,578	4,740	1,740
B. Land	...	...	...	30,750	...
C. Works	13,72,526	1,27,116	14,99,642	17,08,019	13,72,526
K. Buildings	36,480	15,536	52,016	67,280	36,480
O. Miscellaneous	30,342	...	30,342	43,446	30,342
P. Maintenance	11,046	...	11,046	11,046	11,046
Total, Head Works ...	14,52,134	1,44,490	15,96,624	18,65,281	14,52,134
(2)—*Main Canals and Branches.*					
A. Preliminary Expenses	32,466	...	32,466	32,466	32,466
B. Land	25,269	...	25,269	25,269	25,269
D. Regulators	3,74,148	...	3,74,148	3,74,148	3,74,148
E. Fall and Weirs	85,625	...	85,625	85,625	85,625
F (1). Other Cross Drainage Works ...	1,83,594	...	1,83,594	1,83,594	1,83,594
G. Bridges	1,71,475	...	1,71,475	1,71,475	1,71,475
H. Escapes	44,222	...	44,222	44,222	44,222
K. Buildings	3,22,857	...	3,22,857	3,22,857	3,22,857
L. Earthwork	25,26,346	...	25,26,346	25,26,346	25,26,346
M. Plantations	45,869	...	45,869	45,869	45,869
O. Miscellaneous	57,290	...	57,290	57,290	57,290
P. Maintenance	26,088	...	26,088	26,088	26,088
Total, Main Canals and Branches ...	38,95,249	...	38,95,249	38,95,249	38,95,249
Carried over ...	53,47,383	1,44,490	54,91,873	57,60,530	53,47,383

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1915-1916.

49.—IRRIGATION WORKS.

JA'MRA'O CANAL.

CANAL PROJECT.

No. 2.—Capital Account for, and to end of, 1915-1916.

Heads of Account.	DIRECT CHARGES.			Cost of Construction as now estimated (Construction estimated close on 31st March 1902).	Expenditure against closed estimates.
	Previous.	1915-1916.	Total.		
	Rs.	Rs.	Rs.	Rs.	Rs.
Brought forward ...	53,47,383	1,44,490	54,91,873	57,60,530	53,47,383
(3)—*Distributaries.*					
A. Preliminary Expenses	9,165	...	9,165	9,165	9,165
B. Land	10,175	—63	10,112	10,112	10,112
C. Works	3,49,280	...	3,49,280	3,49,280	3,49,280
L. Earthwork	7,35,440	582	7,36,022	7,36,022	7,36,022
O. Miscellaneous	85,906	—14,031	71,875	71,875	71,875
P. Maintenance	10,041	...	10,041	10,041	10,041
Total, Distributaries ...	12,00,007	—13,512	11,86,495	11,86,495	11,86,495
(4)—*Drainage and Protective Works.*					
A. Preliminary Expenses	363	...	363	363	363
C. Works	23,824	...	23,824	23,824	23,824
L. Earthwork	31,145	...	31,145	31,145	31,145
O. Miscellaneous	9,134	...	9,134	9,134	9,134
Total, Drainage and Protective Works ...	64,466	...	64,466	64,466	64,466
Total I.—Works ...	66,11,856	1,30,978	67,42,834	70,11,491	65,98,344
II.—ESTABLISHMENT.					
1 & 2. Direction and Accounts	3,27,138	6,528	3,33,666	14,96,218	3,27,164
3. Executive	10,69,340	24,663	10,94,003		10,69,439
4. Medical	8,453	...	8,453		8,453
5. Special Survey	8,947	...	8,947		8,947
Total, Establishment ...	14,13,878	31,191	14,45,069	14,96,218	14,14,003
III.—TOOLS AND PLANT	1,76,418	2,176	1,78,594	1,82,163	1,76,427
IV.—SUSPENSE ACCOUNTS	4,606	...	4,606	4,606	4,606
Grand Total ...	82,06,758	1,64,345	83,71,103	86,94,478	81,93,380
V.—*Less*—Receipts on Capital Account ...	981	...	981	981	981
Net Outlay ...	82,05,777	1,64,345	83,70,122	86,93,497	81,92,399
APPORTIONMENT.					
Chargeable to 49—Irrigation	82,05,777	1,64,345	83,70,122	86,93,497	81,92,399

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1915-1916.

49.—IRRIGATION WORKS.

JA'MRA'O CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1915-1916.

Receipts.	Total. Previous.	1915-1916.	Total.	Charges.	Total. Previous.	1915-1916.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	4,64,735	2,107	4,66,842	2. Main Canals and Branches ...	10,995	1,984	12,979
3. Sales of water ...	132	24	156	3. Distributaries ...	69,561	25	69,586
4. Water supply of towns ...	5	...	5	Total ...	80,556	2,009	82,565
5. Plantations ...	4,411	306	4,717				
6. Other canal produce ...	47,295	8,038	55,333	II.—MAINTENANCE AND REPAIRS.			
7. Water-power ...	13	...	13				
9. Rents of buildings.	10,272	679	10,951	1. Head Works ...	58,146	4,253	62,399
10. Fines ...	1,56,608	19,040	1,75,648	2. Main Canals and Branches ...	10,78,998	79,399	11,58,397
11. Miscellaneous Receipts ...	45,026	7,222	52,248	3. Distributaries ...	9,49,142	85,039	10,34,181
Total ...	7,28,497	37,416	7,65,913	4. Drainage and Protective Works ...	1,024	...	1,024
II.—INDIRECT RECEIPTS.				Total ...	20,87,310	1,68,691	22,56,001
Irrigation share of Land Revenue collected in the Civil Department.	85,35,394	9,13,398	94,48,792	IV.—ESTABLISHMENT.			
4 per cent. on 9/10ths of the proceeds from sales of occupancy rights per Government of India Nos. 53 and 58-A.I., dated, respectively, 20th June and 1st August 1889, communicated in Government Resolutions No. 1209, dated 10th July, and No. 1913, dated 7th November 1889	5,07,070	66,615	5,73,685	1 & 2. Direction and Accounts ...	1,25,753	7,256	1,33,009
				3. Executive ...	15,88,415	1,38,747	17,27,162
				Total ...	17,14,168	1,46,003	18,60,171
Total ...	90,42,464	9,80,013	1,00,22,477	V.—TOOLS AND PLANT ...	54,366	5,629	59,995
Total, Receipts ...	97,70,961	10,17,429	1,07,88,390	Suspense Account ...	—4,350	252	—4,098
				Total ...	39,32,050	3,22,584	42,54,634
Note.—Loss to the canal on account of difference between assessment of water-rates on Jághir lands and assessment at the ordinary rates in force for Government lands noted here per Government of India Letter No. 233-I., dated 14th June 1883, communicated under Government Resolution No. 400, dated 11th August 1883.				Share of Collection Charges in the Civil Department ...	2,75,709	28,233	3,03,942
Rs.				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	2,40,796	20,557	2,61,353
To end of 1914-1915. 1,64,353							
Loss for 1915-1916... 14,900				Total, Charges ...	44,48,555	3,71,374	48,19,929
Total ... 1,79,253				Balance Net Revenue ...	53,22,406	6,46,055	59,68,461
Grand Total ...	97,70,961	10,17,429	1,07,88,390	Grand Total...	97,70,961	10,17,429	1,07,88,390

N.B.—Construction Estimate closed on 31st March 1902—*vide* Government Resolution No. 1796, dated 28th August 1901.
Completion Report approved in Government Resolution No. 1706, dated 30th June 1906.

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1915-1916.

49.—IRRIGATION WORKS.

JA'MRA'O CANAL.

CANAL PROJECT.

No. 4.—Interest Account for, and to end of, 1915-1916.

	Amount.		Amount.
	Rs.		Rs.
Total Interest charges to end of 1914-1915 .	49,65,686	Net revenue realized to end of 1914-1915 ...	53,22,406
		Do. during 1915-1916 ...	6,46,055
Interest charges for the year 1915-1916 ...	2,87,799		
			59,68,461
		Balance net interest charges ...	—7,14,976
Total ...	52,53,485	Total ...	52,53,485

No. 5.—Account of Indirect Charges for, and to end of, 1915-1916.

Particulars.	Previous.	1915-1916.	Total.
	Rs.	Rs.	Rs.
CAPITAL—			
1. Capitalized abatement of Land Revenue	48,930	—6	48,924
2. Leave and Pension Allowances	1,97,942	4,367	2,02,309
Total ...	2,46,872	4,361	2,51,233
REVENUE—			
1. Capitalized abatement of Land Revenue	811	117	928
2. Leave and Pension Allowances	2,39,985	20,440	2,60,425
Total ...	2,40,796	20,557	2,61,353

No. 6.—Statement comparing Charges to date with Sanctioned Estimates.

Particulars.	Charges against closed Sanctions.			Current Sanctions.			Total charges to date against old and current Sanctions.	Remarks.
	Expenditure against construction Estimate.	Expenditure against open Capital sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Works ...	64,74,033	1,24,311	65,98,344	1,44,490	4,13,147	2,68,657	67,42,834	
Establishment ...	11,51,054	2,62,949	14,14,003	31,066	82,215	51,149	14,45,069	
Tools and Plant ...	1,81,762	—5,335	1,76,427	2,167	5,736	3,569	1,78,594	
Suspense Accounts ...	53	4,553	4,606	...	...	...	4,606	
Total ...	78,06,902	3,86,478	81,93,380	1,77,723	5,01,098	3,23,375	83,71,103	
Less—Receipts on Capital Account .	981	...	981	...	...	...	981	
Net Total ...	78,05,921	3,86,478	81,92,399	1,77,723	5,01,098	3,23,375	83,70,122	
INDIRECT CHARGES.								
Capitalized abatement of Land Revenue ...	35,896	13,028	48,924	...	15,375	15,375	48,924	
Leave and Pension Allowances ...	1,61,148	36,812	1,97,960	4,349	11,510	7,161	2,02,309	
Total ...	1,97,044	49,840	2,46,884	4,349	26,885	22,536	2,51,233	
Grand Total ...	80,02,965	4,36,318	84,39,283	1,82,072	5,27,983	3,45,911	86,21,355	Estimate for constructing a flood diversion bund to protect the Nara Supply channel sanctioned in Government of India letter No. 596-I, dated 25th May 1915, communicated in Government Resolution, Public Works Department, No. W.I.—7189, dated 24th June 1915.

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1915-1916.

49.—IRRIGATION WORKS.

DA'D CANAL.

CANAL PROJECT.

No. 2.—Capital Account for, and to end of, 1915-1916.

Heads of Account.	Direct Charges.			Cost of Construction as now estimated.. (Construction estimate closed on 31st March 1907.)	Expenditure against closed estimates.
	Previous.	1915-16.	Total.		
I.—Works.	Rs.	Rs.	Rs.	Rs.	Rs.
(2)—*Main Canals and Branches.*					
A. Preliminary Expenses ...	4,134	.....	4,134	4,134	4,134
B. Land	38,533	805	39,338	49,210	39,074
D. Regulators	2,00,254	.....	2,00,254	2,00,254	2,00,254
G. Bridges	91,352	.....	91,352	91,709	90,232
H. Escapes	13,077	.....	13,077	13,077	13,077
K. Buildings	89,030	.....	89,030	89,788	88,552
L. Earth-work	14,18,551	.....	14,18,551	14,41,700	13,79,369
O. Miscellaneous	7,086	.....	7,086	7,969	5,977
Total, Main Canals and Branches ...	18,62,017	805	18,62,822	18,97,841	18,20,669
(3)—*Distributaries.*					
B. Land	820	691	1,511	6,918	.....
C. Works	84,589	5,033	89,622	2,56,759	22,535
L. Earth-work	1,00,669	—453	1,00,216	1,05,694	18,764
O. Miscellaneous	99,112	3,234	1,02,346	1,45,629	57,610
Total, Distributaries ...	2,85,190	8,505	2,93,695	5,15,000	98,909
(4)—*Drainage and Protective Works.*					
B. Land	.....	.....	...	694	.....
L. Earth-work	14,590	.....	14,590	15,187	14,228
O. Miscellaneous	505	.....	505	1,490	55
Total, Drainage and Protective Works	15,095	.....	15,095	17,371	14,283
Total, I.—Works	21,62,302	9,310	21,71,612	24,30,212	19,33,861
II.—Establishment.					
1 & 2. Direction and Accounts ...	1,03,687	920	1,04,607	4,28,187	93,401
3. Executive	2,49,799	3,476	2,53,275		2,15,919
5. Special Survey	12,721	.....	12,721		12,721
Total, Establishment ...	3,66,207	4,396	3,70,603	4,28,187	3,22,041
III.—Tools and Plant	18,697	307	19,004	22,419	16,855
Grand Total ...	25,47,206	14,013	25,61,219	28,80,818	22,72,757
V.—*Less*—Receipts on Capital Account.	34	.....	34	34	34
Net Outlay ...	25,47,172	14,013	25,61,185	28,80,784	22,72,723
Apportionment.					
Chargeable to 49—Irrigation ...	25,43,345	14,013	25,57,358	28,76,977	22,68,916
Do. 43—Minor Works and Navigation	3,827	.....	3,827	3,807	3,807
Total ...	25,47,172	14,013	25,61,185	28,80,784	22,72,723

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1915-1916.

49.—IRRIGATION WORKS.

DA'D CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1915-1916.

Receipts.	Total. Previous.	1915-1916.	Total.	Charges.	Total. Previous.	1915-1916.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	11,208	1,101	12,309	1. Head Works ...	468	979	1,447
5. Plantations ...	5,722	353	6,075	2. Main Canals and Branches ...	49,022	4,961	53,983
6. Other canal produce ...	893	11	904	Average expenditure before improvement ...	—67,695	—4,603	—72,303
9. Rents of buildings.	1,362	654	2,016				
10. Fines ...	4,057	95	4,152	Total ...	—18,205	1,332	—16,873
11. Miscellaneous Receipts ...	11,677	—177	11,500				
Total ...	34,919	2,037	36,956	II.—MAINTENANCE AND REPAIRS.			
II.—INDIRECT RECEIPTS.				2. Main Canals and Branches ...	8,67,566	50,535	9,18,101
Irrigation share of Land Revenue collected in the Civil Department ...	16,56,796	1,41,175	17,97,971	3. Distributaries ...	2,792	7,224	10,016
				Total ...	8,70,358	57,759	9,28,117
4 per cent. on 9/10ths of the proceeds from sales of occupancy rights per Government of India Nos. 53 & 53-A.I., dated, respectively, 20th June and 1st August 1889, communicated in Government Resolutions No. 1209, dated 10th July, and No. 1913, dated 7th November 1889	71,331	7,467	78,798	IV.—ESTABLISHMENT.			
				1 & 2. Direction and Accounts ...	44,655	2,159	46,814
				3. Executive ...	1,35,001	13,045	1,48,046
Total ...	17,28,127	1,48,642	18,76,769	Total ...	1,79,656	15,204	1,94,860
				V.—TOOLS AND PLANT...	7,570	500	8,070
Total, Receipts ...	17,63,046	1,50,679	19,13,725	VI.—REFUNDS OF REVENUE ...	82	—5	77
				Total ...	10,39,461	74,790	11,14,251
Note.—Loss to the canal on account of difference between assessment of water-rates on Jághir lands and assessment at the ordinary rates in force for Government lands noted here per Government of India Letter No. 233-I., dated 14th June 1883, communicated under Government Resolution No. 400, dated 11th August 1883.				Share of Collection Charges in the Civil Department	79,437	8,545	87,982
				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	25,154	2,237	27,391
Rs.							
To end of 1914-1915. 2,89,000				Total, Charges ...	11,44,052	85,572	12,29,624
Loss for 1915-1916 ... 11,374							
Total ... 3,00,374				Balance Net Revenue ...	6,18,994	65,107	6,84,101
Grand Total ...	17,63,046	1,50,679	19,13,725	Grand Total ...	17,63,046	1,50,679	19,13,725

N. B.—Construction Estimate closed on 31st March 1907—*vide* Government Resolution No. 2191, dated 17th August 1908.
Completion Report approved in Government Resolution No. 1054, dated 30th April 1910.

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1915-1916.

49.—IRRIGATION WORKS.

DA'D CANAL.

CANAL PROJECT.

No. 4.—Interest Account for, and to end of, 1915-1916.

	Amount.		Amount.
	Rs.		Rs.
Total Interest charges to end of 1914-1915 ...	12,26,018	Net revenue realized to end of 1914-1915 ...	6,18,994
		Do. during 1915-1916 ...	65,107
			6,84,101
Interest charges for the year 1915-1916 ...	88,694	Balance net Interest charges	6,30,611
Total ...	13,14,712	Total ...	13,14,712

No. 5.—Account of Indirect Charges for, and to end of, 1915-1916.

Particulars.	Previous.	1915-1916.	Total.
	Rs.	Rs.	Rs.
CAPITAL—			
1. Capitalized abatement of Land Revenue	41,278	... ...	41,278
2. Leave and Pension Allowances	51,269	615	51,884
Total ...	92,547	615	93,162
REVENUE—			
1. Capitalized abatement of Land Revenue	3	108	111
2. Leave and Pension Allowances	25,151	2,129	27,280
Total ...	25,154	2,237	27,391

No. 6.—Statement comparing Charges to date with sanctioned Estimates.

Particulars.	Charges against closed Sanctions.			Current Sanctions.			Total charges to date against old and current Sanctions.	Remarks.
	Expenditure against construction Estimate.	Expenditure against open capital Sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Works ...	18,99,648	34,213	19,33,861	2,37,751	4,96,351	2,58,600	21,71,612	Government of India No. 184-I of 11th March 1910, communicated in Government Resolution No. 1054 of 30th April 1910 ... ... Rs. 3,76,573 Revised Estimate of the Ren Distributary sanctioned by the Government of India—*vide* No. 979-I, dated 26th June 1914, communicated in Government Resolution No. W. I.-9017, dated 12th August 1914 ... ... Rs. 2,55,231 Rs. 6,31,804
Establishment ...	3,16,663	5,378	3,22,041	48,562	1,06,146	57,584	3,70,603	
Tools and Plant ...	16,579	276	16,855	2,149	5,564	3,415	19,004	
Total ...	22,32,890	39,867	22,72,757	2,88,462	6,08,061	3,19,599	25,61,219	
Less—Receipts on Capital Account ...	34	...	34	...	...	...	34	
Net Total ...	22,32,856	39,867	22,72,723	2,88,462	6,08,061	3,19,599	25,61,185	
INDIRECT CHARGES.								
Capitalized abatement of Land Revenue ...	40,168	139	40,307	971	8,882	7,911	41,278	
Leave and Pension Allowances ...	44,333	752	45,085	6,799	14,861	8,062	51,884	
Total ...	84,501	891	85,392	7,770	23,743	15,973	93,162	
Grand Total ...	23,17,357	40,758	23,58,115	2,96,232	6,31,804	3,35,572	26,54,347	

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1915-1916.

49.—IRRIGATION WORKS.

NASRAT CANAL.

CANAL PROJECT.

No. 2.—Capital Account for, and to end of, 1915-1916.

Heads of Account.	Direct Charges.			Cost of Construction as now estimated. (Construction estimate closed on 31st March 1907.)	Expenditure against closed estimates.
	Previous.	1915-1916.	Total.		
I.—Works.	Rs.	Rs.	Rs.	Rs.	Rs.
(2)—*Main Canals and Branches.*					
A. Preliminary Expenses	1,653	...	1,653	1,653	1,653
B. Land	39,423 (a) 228	1,299	40,950	43,603	34,288
D. Regulators	1,84,574	...	1,84,574	1,84,579	1,82,716
G. Bridges	67,852	...	67,852	68,032	64,280
K. Buildings	69,315	...	69,315	69,573	61,128
L. Earth-work	9,79,195 (a)—228	...	9,78,967	9,78,163	9,72,323
O. Miscellaneous	4,430	...	4,430	4,787	3,527
Total, Main Canals and Branches ...	13,46,442	1,299	13,47,741	13,50,390	13,19,915
(3)—*Distributaries.*					
B. Land	576	...	576	4,241	...
C. Works	1,38,669	...	1,38,669	1,57,871	46,562
L. Earth-work	73,188	...	73,188	73,188	72,522
O. Miscellaneous	—515	—4,417	—4,932	1,59,328	1,57,228
Total, Distributaries ...	2,11,918	—4,417	2,07,501	3,94,628	2,76,312
(4)—*Drainage and Protective Works.*					
L. Earth-work	4,398	...	4,398	4,879	4,398
O. Miscellaneous	377	...	377	408	129
Total, Drainage and Protective Works ...	4,775	...	4,775	5,287	4,527
Total, I.—Works ...	15,63,135	—3,118	15,60,017	17,50,305	16,00,754
II.—Establishment.					
1 & 2. Direction and Accounts	76,679	...	76,679	2,57,456	70,387
3. Executive	1,75,468	...	1,75,468		1,54,997
5. Special Survey	1,263	...	1,263		1,263
Total, Establishment ...	2,53,410	...	2,53,410	2,57,456	2,26,647
III.—Tools and Plant	6,875	...	6,875	7,284	5,250
Grand Total ...	18,23,420	—3,118	18,20,302	20,15,045	18,32,651
V.—*Less*—Receipts on Capital Account ...	158	...	158	158	158
Net Outlay ...	18,23,262	—3,118	18,20,144	20,14,887	18,32,493
Apportionment.					
Chargeable to 49.—Irrigation	18,23,262	—3,118	18,20,144	20,14,887	18,32,493

(a) Erroneous classification in previous year now rectified.

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1915-1916.

49.—IRRIGATION WORKS.

NASRAT CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1915-1916.

Receipts.	Total.			Charges.	Total.		
	Previous.	1915-1916.	Total.		Previous.	1915-1916.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	253	—794	—541				
3. Sales of water ...	6	92	98	2. Main Canals and Branches	59,028	531	59,559
5. Plantations ...	1,941	212	2,153				
6. Other canal produce	920	59	979				
8. Navigation ...	...	3	3	II.—MAINTENANCE AND REPAIRS.			
9. Rents of buildings.	639	507	1,146				
10. Fines	3,161	85	3,246				
11. Miscellaneous Receipts	2,599	252	2,851	2. Main Canals and Branches	7,30,381	85,058	8,15,439
Total ...	9,519	416	9,935				
				IV.—ESTABLISHMENT.			
II.—INDIRECT RECEIPTS:							
				1 & 2. Direction and Accounts	52,099	3,851	55,950
Irrigation share of Land Revenue collected in the Civil Department ...	17,82,511	1,63,236	19,45,747	3. Executive	1,21,762	19,701	1,41,463
				Total ...	1,73,861	23,552	1,97,413
4 per cent. on 9/10ths of the proceeds from sales of occupancy rights per Government of India Nos. 53 & 53-A. I., dated, respectively, 20th June and 1st August 1889, communicated in Government Resolutions No. 1209, dated 10th July, and No. 1913, dated 7th November 1889 ...	85,540	12,685	98,225	V.—TOOLS AND PLANT ...	6,838	490	7,328
				Total ...	9,70,108	1,03,631	10,79,739
Total ...	18,68,051	1,75,921	20,43,972	Share of Collection Charges in the Civil Department	1,06,497	9,759	1,16,256
Total, Recipts ...	18,77,570	1,76,337	20,53,907				
Note.—Loss to the canal on account of difference between assessment of water rates on Jághi lands and assessment at the ordinary rates in force for Government lands noted here per Government of India Letter No. 233-I., dated 14th June 1883, communicated under Government Resolution No. 400, dated 11th August 1883.				Indirect charges debitable to Revenue Account as per Account No. 5	24,346	3,324	27,670
				Total, Charges ...	11,00,951	1,22,714	12,23,665
Rs.							
To end of 1914-1915...22,028							
Loss for 1915-1916 ... 1,329				Balance Net Revenue ..	7,76,619	53,623	8,30,242
Total ...23,357							
Grand Total ..	18,77,570	1,76,337	20,53,907	Grand Total ...	18,77,570	1,76,337	20,53,907

N. B.—Construction Estimate closed on 31st March 1907—*vide* Government Resolution No. 2191, dated 17th August 1908.
Completion Report approved in Government Resolution No. 1054, dated 30th April 1910.

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1915-1916.

49.—IRRIGATION WORKS.

NASRAT CANAL.

CANAL PROJECT.

No. 4.—*Interest Account for, and to end of,* 1915-1916.

	Amount.		Amount.
	Rs.		Rs.
Total Interest charges to end of 1914-1915. ...	7,92,292	Net revenue realized to end of 1914-1915 ...	7,76,619
		Do. during 1915-1916 ...	53,623
			8,30,242
Interest charges for the year 1915-1916. ...	63,259	Balance net Interest charges	25,309
Total ...	8,55,551	Total ...	8,55,551

No. 5.—*Account of Indirect Charges for, and to end of,* 1915-1916.

Particulars.	Previous.	1915-1916.	Total.
	Rs.	Rs.	Rs.
CAPITAL—			
1. Capitalized abatement of Land Revenue	22,158	.....	22,158
2. Leave and Pension Allowances	35,477	.....	35,477
Total ...	57,635	.....	57,635
REVENUE—			
1. Capitalized abatement of Land Revenue	4	27	31
2. Leave and Pension Allowances	24,342	3,297	27,639
Total ...	24,346	3,324	27,670

No. 6.—*Statement comparing Charges to date with Sanctioned Estimates.*

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current Sanctions.	REMARKS.
	Expenditure against construction Estimate.	Expenditure against open capital Sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Government of India's No. 184-I of 11th March 1910, communicated in Government Resolution No. 1054 of 30th April 1910 ... Rs. 2,12,297
Works	15,71,638	29,116	16,00,754	—40,737	1,49,551	1,90,288	15,60,017	
Establishment ...	2,23,469	3,178	2,26,647	26,763	30,809	4,046	2,53,410	
Tools and Plant ...	5,046	204	5,250	1,625	2,034	409	6,875	
Total ...	18,00,153	32,498	18,32,651	—12,349	1,82,394	1,94,743	18,20,302	
Less—Receipts on Capital Account	158	...	158	...	...	...	158	
Net Total ...	17,99,995	32,498	18,32,493	—12,349	1,82,394	1,94,743	18,20,144	
INDIRECT CHARGES.								
Capitalized abatement of Land Revenue ...	15,098	...	15,098	7,060	25,590	18,530	22,158	
Leave and Pension Allowances	31,285	445	31,730	3,747	4,313	566	35,477	
Total ...	46,383	445	46,828	10,807	29,903	19,096	57,635	
Grand Total ...	18,46,378	32,943	18,79,321	—1,542	2,12,297	2,13,839	18,77,779	

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1915-1916.

49.—IRRIGATION WORKS.

NAULA'KHI CANAL.

CANAL PROJECT.

No. 4.—Interest Account for, and to end of, 1915-1916.

	Amount.		Amount.
	Rs.		Rs.
Total Interest charges to end of 1914-1915 ...	2,091	Net revenue realized to end of 1914-1915 ...	...
		Do. during 1915-1916 ...	...
Interest charges for the year 1915-1916 ...	178		...
		Balance net Interest charges	2,269
Total ...	2,269	Total ...	2,269

No. 6.—Statement comparing Charges to date with sanctioned Estimates.

Particulars.	Charges against closed Sanctions.			Current Sanctions.			Total charges to date against old and current Sanctions.	Remarks.
	Expenditure against construction Estimate.	Expenditure against open capital Sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Works	...	...	...	4,876	9,72,019	9,67,143	4,876	Project sanctioned by the Secretary of State in Despatch No. 51—P. W., dated 5th December 1895, communicated in Government of India's No. 5—I., dated 14th January 1896—*vide* Government Resolution No. W. I.—145 dated 30th idem. The date for the construction of the work extended for a further period of 5 years from 6th December 1910, *vide* Government of India's letter No. 1270—I., dated 21st December 1910, communicated in Government Resolution (P. W.) No. 79, dated 17th January 1911.
Establishment	...	...	...	236	2,31,493	2,31,257	236	
Tools and Plant ...	...	...	...	...	14,423	14,423	...	
Total ...	...	...	...	5,112	12,17,935	12,12,823	5,112	
Less.—Receipts on Capital Account	...	...	...	...	...	...	...	
Net Total ...	...	...	...	5,112	12,17,935	12,12,823	5,112	
INDIRECT CHARGES.								
Capitalized abatement of Land Revenue ...	...	...	...	...	12,470	12,470	...	
Leave and Pension Allowances	...	...	...	33	32,149	32,116	33	
Total ...	...	...	...	33	44,619	44,586	33	
Grand Total ...	...	...	...	5,145	12,62,554	12,57,409	5,145	

N. B.—Last Capital Account detailed in the administrative accounts for 1903-1904.

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1915-1916.

49.—IRRIGATION WORKS.

HA'THMATI AND KHÁRI CUT CANALS.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1915-1916.

Receipts.	Total.			Charges.	Total.		
	Previous.	1915-1916.	Total.		Previous.	1915-1916.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	8,62,663	13,600	8,76,263	1. Head Works ...	9,755	1,544	11,299
3. Sales of water ...	1,131	158	1,289	2. Main Canals and Branches	43,186	8,673	51,859
4. Water-supply of towns	1,344	...	1,344	3. Distributaries ...	6,411	...	6,411
5. Plantations ...	45,988	33	55,194	Total ...	59,352	10,217	69,569
6. Other Canal Produce		9,173					
9. Rents of Buildings.	29	...	29				
10. Fines	353	...	353	II.—MAINTENANCE AND REPAIRS.			
11. Miscellaneous Receipts	18,763	1,927	20,690	1. Head Works	57,171	4,599	61,770
				2. Main Canals and Branches	2,58,302	11,670	2,69,972
Total ...	9,30,271	24,891	9,55,162	3. Distributaries ...	67,752	2,860	70,612
				4. Drainage and Protective Works ...	4,402	...	4,402
II.—INDIRECT RECEIPTS.				Total ...	3,87,627	19,129	4,06,756
Irrigation share of Land Revenue collected in the Civil Department.	...	...	...	III.—COMPENSATION ...	3,615	...	3,615
				IV.—ESTABLISHMENT.			
Total, Receipts ..	9,30,271	24,891	9,55,162	1 & 2. Direction and Accounts	20,497	1,305	21,802
				3. Executive	1,75,292	10,747	1,86,039
				Total ...	1,95,789	12,052	2,07,841
				V.—TOOLS AND PLANT ...	6,735	591	7,326
				Profit and Loss	186	...	186
				VI.—REFUNDS OF REVENUE	2,886	466	3,352
				Total ...	6,56,190	42,455	6,98,645
				Share of Collection Charges in the Civil Department	43,159	680	43,839
				Indirect Charges debitable to Revenue Account as per Account No. 5	29,870	1,687	31,557
				Total, Charges ...	7,29,219	44,822	7,74,041
				Balance Net Revenue ...	2,01,052	—19,931	1,81,121
Grand Total ...	9,30,271	24,891	9,55,162	Grand Total ...	9,30,271	24,891	9,55,162

N. B.—Last Capital Account detailed in the Administrative Accounts for 1914-15.

Construction Estimate of the Hathmati Canal closed in 1883-84 and that of the Khári Cut Canal closed on 31st March 1893—*vide* Government Resolution No. 1411, dated 12th September 1893, *vide* also Government Resolution No. 2902 of 10th December 1909.

Completion Report of the Khári Cut Canal approved in Government Resolution No. 683 of 16th April 1894.

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1915-1916.

49.—IRRIGATION WORKS.

HA'THMATI AND KHÁRI CUT CANALS.

CANAL PROJECT.

No. 4.—Interest Account for, and to end of, 1915-1916.

	Amount.		Amount.
	Rs.		Rs.
Total Interest charges to end of 1914-1915.	9,37,720	Net revenue realized to end of 1914-1915.	2,01,052
		Do. during 1915-1916.	—19,931
			1,81,121
Interest charges for the year 1915-1916 .	43,093	Balance net Interest charges ...	7,99,692
Total ..	9,80,813	Total ...	9,80,813

No. 5.—Account of Indirect Charges for, and to end of, 1915-1916.

Particulars.	Previous.	1915-1916.	Total.
	Rs.	Rs.	Rs.
CAPITAL—			
1. Capitalized abatement of Land Revenue	35,728	870	36,598
2. Leave and Pension Allowances	38,392	.....	38,392
Total ...	74,120	870	74,990
REVENUE—			
1. Capitalized abatement of Land Revenue	825	.....	825
2. Leave and Pension Allowances	29,045	1,687	30,732
Total ...	29,870	1,687	31,557

No. 6.—Statement comparing Charges to date with sanctioned Estimates.

Particulars.	Charges against closed Sanctions.			Current Sanctions.			Total charges to date against old and current Sanctions.	Remarks.
	Expenditure against construction Estimate.	Expenditure against open Capital Sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Works	5,16,849	4,88,227	10,05,076	...	...	...	10,05,076	
Establishment	1,31,390	92,797	2,24,187	...	...	...	2,24,187	
Tools and Plant	11,193	1,996	13,189	...	...	...	13,189	
Suspense Accounts ...	—28	28	...	...	...	...	...	
Total ...	6,59,404	5,83,048	12,42,452	...	...	...	12,42,452	
Less—Receipts on Capital Account	1,469	...	1,469	...	...	...	1,469	
Net Total ...	6,57,935	5,83,048	12,40,983	...	...	...	12,40,983	
INDIRECT CHARGES.								
Capitalized abatement of Land Revenue ...	13,433	23,165	36,598	...	...	...	36,598	
Leave and Pension Allowances ...	25,401	12,991	38,392	...	...	...	38,392	
Total ...	38,834	36,156	74,990	...	...	...	74,990	
Grand Total ...	6,96,769	6,19,204	13,15,973	...	...	...	13,15,973	

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1915-1916.

49.—IRRIGATION WORKS.

LOWER PÁNJHRA RIVER WORKS.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1915-1916.

Receipts.	Total. Previous.	1915-1916.	Total.	Charges.	Total. Previous.	1915-1916.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	3,65,071	11,655	3,76,726	1. Head Works ...	1,376	...	1,376
				2. Main Canals and Branches	18,801	587	19,388
3. Sales of water ...	440	...	440	3. Distributaries ...	9,358	...	9,358
5. Plantations ...	15,325	70	16,908	Total ...	29,535	587	30,122
6. Other Canal Produce		1,513		II.—MAINTENANCE AND REPAIRS.			
9. Rents of Buildings.	20	...	20	1. Head Works ...	30,524	1,064	31,588
				2. Main Canals and Branches	12,751	1.354	14,105
10. Fines	498	...	498	3. Distributaries ...	69,481	240	69,721
11. Miscellaneous Receipts	5,604	145	5,749	4. Drainage and Protective Works ...	2,728	...	2,728
Total ...	3,86,958	13,383	4,00,341	Total ...	1,15,484	2,658	1,18,142
II.—INDIRECT RECEIPTS.				IV.—ESTABLISHMENT.			
				1 & 2. Direction and Accounts	9,258	146	9,404
Irrigation share of Land Revenue collected in the Civil Department.	2,02,350	3,248	2,05,598	3. Executive	84,729	1,458	86,187
				Total ...	93,987	1,604	95,591
Total, Receipts ...	5,89,308	16,631	6,05,939	V.—TOOLS AND PLANT ...	2,412	49	2,461
				Profit and Loss	19	...	19
				VI.—REFUNDS OF REVENUE	3,868	28	3,896
				Suspense Account ...	140	...	140
				Total ...	2,45,445	4,926	2,50,371
				Share of Collection Charges in the Civil Department	51,254	1,322	52,576
				Indirect Charges debitable to Revenue Account as per Account No. 5	13,641	225	13,866
				Total Charges ...	3,10,340	6,473	3,16,813
				Balance Net Revenue ...	2,78,968	10,158	2,89,126
Grand Total ...	5,89,308	16,631	6,05,939	Grand Total ...	5,89,308	16,631	6,05,939

N.B.—Last Capital Account detailed in the Administrative Accounts for 1898-99.
Construction Estimate closed on 31st March 1895—*vide* Government Resolution No. 148, dated 31st January 1896.
Completion Report approved in Government Resolution No. 1392, dated 3rd October 1896.

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1915-1916.

49.—IRRIGATION WORKS.

LOWER PÁNJHRA RIVER WORKS.

TANK PROJECT.

No. 4.—Interest Account for, and to end of, 1915-1916.

	Amount.		Amount.
	Rs.		Rs.
Total Interest charges to end of 1914-1915	7,51,392	Net revenue realized to end of 1914-1915	2,78,968
		Do. during 1915-1916 ...	10,158
			2,89,126
Interest charges for the year 1915-1916.	15,466	Balance net Interest charges	4,77,732
Total ...	7,66,858	Total ...	7,66,858

No. 5.—Account of Indirect Charges for, and to end of, 1915-1916.

Particulars.	Previous.	1915-1916.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
1. Capitalized abatement of Land Revenue	61	...	61
2. Leave and Pension Allowances	13,580	225	13,805
Total ...	13,641	225	13,866

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1915-1916.

49.—IRRIGATION WORKS.

KADWA RIVER WORKS.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1915-1916.

Receipts.	Total. Previous.	1915-1916.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	4,57,895	21,974	4,79,869
3. Sales of water ...	436	10	446
5. Plantations ...	17,846	...	18,615
6. Other Canal produce ...		769	
9. Rents of Buildings.	229	2	231
10. Fines ...	639	...	639
11. Miscellaneous Receipts ...	4,898	810	5,708
Total ...	4,81,943	23,565	5,05,508
II.—INDIRECT RECEIPTS.			
Irrigation share of Land Revenue collected in the Civil Department ...	...	...	...
Enhanced Land Revenue as per Government Resolution No. 428, dated 6th August 1875.	23,757	594	24,351
Total ...	23,757	594	24,351
Total, Receipts ...	5,05,700	24,159	5,29,859
Carried over ...	5,05,700	24,159	5,29,859

Charges.	Total. Previous.	1915-1916.	Total.
I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Head Works ...	3,782	5	3,787
2 Main Canals and Branches ...	3,015	534	3,549
3. Distributaries ...	342	...	342
Total ...	7,139	539	7,678
II.—MAINTENANCE AND REPAIRS.			
1. Head Works ...	32,536	1,903	34,439
2. Main Canals and Branches ...	1,20,318	3,921	1,24,239
3. Distributaries ...	10,704	482	11,186
Total ...	1,63,558	6,306	1,69,864
IV.—ESTABLISHMENT.			
1 & 2. Direction and Accounts ...	12,630	302	12,932
3. Executive	1,89,721	6,029	1,95,750
Total ..	2,02,351	6,331	2,08,682
V.—TOOLS AND PLANT ..	4,960	101	5,061
Carried over ..	3,78,008	13,277	3,91,285

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1915-1916.

49.—IRRIGATION WORKS.

KA'DVA RIVER WORKS.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1915-1916.

Receipts.	Total.			Charges.	Total.		
	Previous.	1915-1916.	Total.		Previous.	1915-1916.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
Brought forward ...	5,05,700	24,159	5,29,859	Brought forward...	3,78,008	13,277	3,91,285
				VI.—REFUNDS OF REVENUE ...	414	15	429
				Total ...	3,78,422	13,292	3,91,714
				Share of Collection Charges in the Civil Department .	23,035	1,099	24,134
				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	29,297	886	30,183
				Total, Charges ...	4,30,754	15,277	4,46,031
				Balance Net Revenue ...	74,946	8,882	83,828
Grand Total ...	5,05,700	24,159	5,29,859	Grand Total ...	5,05,700	24,159	5,29,859

N. B.—Last Capital Account detailed in the Administrative Accounts for 1910-11.
Construction Estimate closed on 31st March 1908—*vide* Government Resolution No. 2245, dated 25th August 1908.
Completion Report approved in Government Resolution No. 1041, dated 29th April 1910.

No. 4.—Interest Account for, and to end of, 1915-1916.

	Amount.		Amount.
	Rs.		Rs.
Total Interest charges to end of 1914-1915	10,44,775	Net revenue realized to end of 1914-1915	74,946
		Do. during 1915-1916.	8,882
			83,828
Interest charges for the year 1915-1916.	33,744	Balance net Interest charges ...	9,94,691
Total ...	10,78,519	Total ...	10,78,519

No. 5.—Account of Indirect Charges for, and to end of, 1915-1916.

Particulars.	Previous.	1915-1916.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
1. Capitalized abatement of Land Revenue	11	.....	11
2. Leave and Pension Allowances	29,286	886	30,172
Total ...	29,297	886	30,183

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1915-1916.

49.—IRRIGATION WORKS.

PRAVARA RIVER WORKS—LA'KH CANAL.

CANAL PROJECT.

No. 3.—*Revenue Account for, and to end of,* 1915-1916.

Receipts.	Total.			Charges.	Total.		
	Previous.	1915-1916.	Total.		Previous.	1915-1916.	Total.
I.—DIRECT RECEIPTS	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	55,784	1,316	57,100	1. Head Works ...	629	...	629
3. Sales of Water ...	38	5	43				
5. Plantations ...	11,736	147	12,512	2. Main Canals and Branches ...	86	...	86
6. Other Canal produce ...		629					
9. Rents of Buildings	75	5	80				
10. Fines	124	26	150	Total ...	715	...	715
11. Miscellaneous Receipts... ...	696	...	696	II.—MAINTENANCE AND REPAIRS.			
				1. Head Works ...	10,574	...	10,574
Total ...	68,453	2,128	70,581	2. Main Canals and Branches	1,33,331	1,490	1,34,821
				3. Distributaries ...	4,950	...	4,950
II.—INDIRECT RECEIPTS.							
Irrigation share of Land Revenue collected in the Civil Department ...	...	...	...	Total ...	1,48,855	1,490	1,50,345
				IV.—ESTABLISHMENT.			
Revenue from "Galper" land treated as Land Revenue —*vide* Government Resolution No. 1829, dated 21st November 1893 ...	5,301	225	5,526	1 & 2. Direction and Accounts	10,752	67	10,819
				3. Executive ...	1,36,202	1,047	1,37,249
Total ...	5,301	225	5,526	Total ...	1,46,954	1,114	1,48,068
Total, Receipts ...	73,754	2,353	76,107	V.—TOOLS AND PLANT ...	2,787	22	2,759
Carried over ...	73,754	2,353	76,107	Carried over ...	2,99,261	2,626	3,01,887

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1915-1916.

49.—IRRIGATION WORKS.

PRAVARA RIVER WORKS—LÁKH CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1915-1916.

Receipts.	Total.			Charges.	Total.		
	Previous.	1915-1916.	Total.		Previous.	1915-1916.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
Brought forward ...	73,754	2,353	76,107	Brought forward ...	2,99,261	2,626	3,01,887
				VI.—REFUNDS OF REVENUE ...	116	...	116
				Total ...	2,99,377	2,626	3,02,003
				Share of Collection Charges in the Civil Department .	3,342	69	3,411
				Indirect Charges débitable to Revenue Account as per Account No. 5 ...	22,231	156	22,387
				Total, Charges ...	3,24,950	2,851	3,27,801
				Balance Net Revenue ...	—2,51,196	—498	—2,51,694
Grand Total ...	73,754	2,353	76,107	Grand Total ...	73,754	2,353	76,107

N.B.—Last Capital Account detailed in the Administrative Accounts for 1894-95.
Construction Estimate closed on 31st March 1894—*vide* Government Resolution No. 1707, dated 2nd November 1894.
Completion Report approved in Government Resolution No. 87, dated 20th January 1896, and No. 1187, dated 17th August 1896.

No. 4.—Interest Account for, and to end of, 1915-1916.

	Amount.		Amount.
	Rs.		Rs.
		Net revenue realized to end of 1914-15...	—2,51,196
Total Interest charges to end of 1914-1915	6,32,981	Do. during 1915-16...	—498
			—2,51,694
Interest charges for the year 1915-1916	12,238	Balance net Interest charges ...	8,96,913
Total ...	6,45,219	Total ...	6,45,219

No. 5.—Account of Indirect Charges for, and to end of, 1915-1916.

Particulars.	Previous.	1915-1916.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
2. Leave and Pension Allowances	22,231	156	22,387

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1915-1916.

49.—IRRIGATION WORKS.

MUTHA CANALS INCLUDING MA'TOBA TANK.

TANK PROJECT.

No. 2.—Capital Account for, and to end of, 1915-1916.

Heads of Account.	Direct Charges.			Cost of construction as now estimated. (Construction estimate closed on 31st March 1897.)	Expenditure against closed estimates.
	Previous.	1915-1916.	Total.		
I.—WORKS.	Rs.	Rs.	Rs.	Rs.	Rs.
(1) *Head Works.*					
A. Preliminary Expenses	8,391	...	8,391	8,391	8,391
B. Land	3,53,177	...	3,53,177	3,53,177	3,53,177
C. Masonry Works	28,90,673	...	28,90,673	28,90,673	28,90,673
K. Buildings	17,287	...	17,287	17,287	17,287
M. Plantations	3,059	...	3,059	3,059	3,059
O. Miscellaneous	820	...	820	820	820
P. Maintenance	1,231	...	1,231	1,231	1,231
Total, Head Works ...	32,74,638	...	32,74,638	32,74,638	32,74,638
(2) *Main Canals and Branches.*					
A. Preliminary Expenses... ...	2,828	...	2,828	2,828	2,828
B. Land	1,26,843	...	1,26,843	1,26,843	1,26,843
C (*a*). Regulators	37,342	...	37,342	37,342	37,342
C (*c*). River and Hill Torrent Works...	5,21,670	...	5,21,670	5,21,670	5,21,670
C (*e*). Bridges	1,02,670	...	1,02,670	1,02,670	1,02,670
C (*f*). Escapes	18,120	...	18,120	18,120	18,120
J. Mills	56,415	...	56,415	56,415	56,415
K. Buildings	10,111	...	10,111	10,111	10,111
L. Earth-work	9,89,763	...	9,89,763	9,89,763	9,89,763
M. Plantations	16,011	...	16,011	16,011	16,011
O. Miscellaneous	1,868	...	1,868	1,868	1,868
P. Maintenance	4,566	...	4,566	4,566	4,566
Total, Main Canals and Branches ...	18,88,207	...	18,88,207	18,88,207	18,88,207
Carried over ...	51,62,845	...	51,62,845	51,62,845	51,62,845

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1915-1916.

49.—IRRIGATION WORKS.

MUTHA CANALS INCLUDING MA'TOBA TANK.

TANK PROJECT.

No. 2.—Capital Account for, and to end of, 1915-1916.

Heads of Account.	Direct Charges.			Cost of construction as now estimated. (Construction estimate closed on 31st March 1897.)	Expenditure against closed estimates.
	Previous.	1915-1916.	Total.		
	Rs.	Rs.	Rs.	Rs.	Rs.
Brought forward ...	51,62,845	...	51,62,845	51,62,845	51,62,845
(3) *Distributaries.*					
A. Preliminary Expenses	6,740	...	6,740	6,740	6,740
B. Land	5,666	...	5,666	5,666	5,666
C. Masonry Works	1,28,387	1,33,815	2,62,202	2,82,087	1,28,387
L. Earth-work	73,961	...	73,961	73,961	73,961
M. Plantations	407	...	407	407	407
O. Miscellaneous	8,15,513	...	8,15,513	8,15,513	8,15,513
Total, Distributaries ...	10,30,674	1,33,815	11,64,489	11,84,374	10,30,674
(4) *Drainage and Protective Works.*					
B. Land	7,328	...	7,328	7,328	7,328
L. Earth-work	1,188	...	1,188	1,188	1,188
Total, Drainage and Protective Works.	8,516	...	8,516	8,516	8,516
Total, I.—Works ...	62,02,035	1,33,815	63,35,850	63,55,735	62,02,035
II.—ESTABLISHMENT.					
1 & 2. Direction and Accounts ...	2,73,784	6,021	2,79,805	11,17,213	2,73,784
3. Executive	8,32,206	22,749	8,54,955		8,32,206
4. Medical	146	...	146		146
Total, II.—Establishment ...	11,06,136	28,770	11,34,906	11,17,213	11,06,136
III.—TOOLS AND PLANT	1,25,533	2,007	1,27,540	1,26,306	1,25,533
IV.—SUSPENSE ACCOUNTS ...	—1,136	...	—1,136	—1,136	—1,136
Grand Total ...	74,32,568	1,64,592	75,97,160	75,98,118	74,32,568
V.—*Less*—Receipts on Capital Account	12,328	...	12,328	12,328	12,328
Net Outlay ...	74,20,240	1,64,592	75,84,832	75,85,790	74,20,240
Apportionment.					
Chargeable to—					
49.—Irrigation	57,98,412	...	57,98,412	57,98,412	57,98,412
43.—Minor Works and Navigation	16,21,828	1,64,592	17,86,420	17,87,378	16,21,828
Total ..	74,20,240	1,64,592	75,84,832	75,85,790	74,20,240

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1915-1916.

49.—IRRIGATION WORKS.

MUTHA CANALS INCLUDING MA'TOBA TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1915-1916.

Receipts.	Total. Previous.	1915-1916.	Total.	Charges.	Total. Previous.	1915-1916.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				I.—EXTENSIONS AND IMPROVEMENTS.			
1. Water-rates from Irrigation ...	53,59,938	1,94,717	55,54,655	1. Head Works ...	27,264	...	27,264
3. Sales of water ...	85,033	6,454	91,487				
4. Water-supply of towns ...	40,92,095	1,50,851	42,42,946	2. Main Canals and Branches ...	25,739	3,663	29,402
5. Plantations ...	1,08,855	2,608	1,15,670	3. Distributaries ...	79,145	360	79,505
6. Other Canal Produce ...		4,207					
7. Water power ...	64,800	...	64,800	4. Drainage and Protective Works ...	1,500	2,770	4,270
8. Navigation ...	19	1	20				
9. Rents of Buildings	4,741	57	4,798				
10. Fines ...	133	24	157	Total ...	1,33,648	6,793	1,40,441
11. Miscellaneous Receipts ...	1,71,089	8,156	1,79,245				
Total ...	98,86,703	3,67,075	1,02,53,778	II.—MAINTENANCE AND REPAIRS.			
				1. Head Works ...	1,06,394	6,293	1,12,687
II.—INDIRECT RECEIPTS.				2. Main Canals and Branches ...	6,37,426	24,370	6,61,796
Irrigation share of Land Revenue collected in the Civil Department ...	...	...	...	3. Distributaries ...	8,10,386	48,024	8,58,410
Irrigation share on account of percolation from the Canal —*vide* Government Resolutions Nos. 1159 and 1539, dated respectively 21st July and 29th September 1892 ...	966	42	1,008	Total ...	15,54,206	78,687	16,32,893
				III.—COMPENSATION ...	494	...	494
Total ...	966	42	1,008	IV.—ESTABLISHMENT.			
Total, Receipts ...	98,87,669	3,67,117	1,02,54,786	1 & 2. Direction and Accounts.	1,12,857	3,148	1,16,005
				3. Executive ...	11,08,286	33,255	11,41,541
				Total ...	12,21,143	36,403	12,57,546
				V.—TOOLS AND PLANT ...	1,21,635	18,991	1,40,626
Carried over ...	98,87,669	3,67,117	1,02,54,786	Carried over ...	30,31,126	1,40,874	31,72,000

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1915-1916.

49.—IRRIGATION WORKS.

MUTHA CANALS INCLUDING MA'TOBA TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1915-1916.

Receipts.	Total.			Charges.	Total.		
	Previous.	1915-1916.	Total.		Previous.	1915-1916.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
Brought forward ...	98,87,669	3,67,117	1,02,54,786	Brought forward ...	30,31,126	1,40,874	31,72,000
				VI.—REFUNDS OF REVENUE .	21,694	393	22,087
				Suspense Account ...	1,573	—1,573	...
				Total ...	30,54,393	1,39,694	31,94,087
				Share of Collection Charges in the Civil Department .	2,65,886	9,545	2,75,431
				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	1,75,717	5,096	1,80,813
				Total, Charges ...	34,95,996	1,54,335	36,50,331
				Balance Net Revenue ...	63,91,673	2,12,782	66,04,455
Grand Total ...	98,87,669	3,67,117	1,02,54,786	Grand Total ...	98,87,669	3,67,117	1,02,54,786

N.B.—Construction Estimate of the Mutha Canal closed on 31st March 1897—*vide* Government Resolution No. 710, dated 13th May 1897; and that of Mátoba Tank on 31st March 1892—*vide* Government Resolution No. 1411, dated 12th September 1893. Completion Report of the Mutha Canal approved in Government Resolution No. 2241 of 30th October 1901 and that of the Mátoba Tank in Government Resolution No. 827 of 17th May 1894.

No. 4.—Interest Account for, and to end of, 1915-1916.

	Amount.		Amount.
	Rs.		Rs.
Total Interest charges to end of 1914-1915	1,02,45,024	Net revenue realized to end of 1914-1915	63,91,673
Interest charges for the year 1915-1916.	2,60,526	Do. during 1915-1916.	2,12,782
			66,04,455
		Balance net Interest charges ...	39,01,095
Total ...	1,05,05,550	Total ...	1,05,05,550

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPRTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1915-1916.

49.—IRRIGATION WORKS.

MUTHA CANALS INCLUDING MA'TOBA TANK.

TANK PROJECT.

No. 5.—Account of Indirect Charges for, and to end of, 1915-1916.

Particulars.	Previous.	1915-1916.	Total.
	Rs.	Rs.	Rs.
CAPITAL—			
1. Capitalized abatement of Land Revenue	93,528	.....	93,528
2. Leave and Pension Allowances	2,02,775	4,028	2,06,803
Total ...	2,96,303	4,028	3,00,331
REVENUE—			
1. Leave and Pension Allowances	1,75,717	5,096	1,80,813

No. 6.—Statement comparing Charges to date with sanctioned Estimates.

Particulars.	Charges against closed Sanctions.			Current Sanctions.			Total charges to date against old and current Sanctions.	Remarks.
	Expenditure against construction Estimate.	Expenditure against open Capital Sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Works ...	54,32,020	7,70,015	62,02,035	1,33,815	1,53,700	19,885	63,35,850	
Establishment ...	10,12,260	93,876	11,06,136	28,770	11,077	—17,693	11,34,906	
Tools and Plant ...	1,19,987	5,546	1,25,533	2,007	773	—1,234	1,27,540	
Suspense Accounts ...	...	—1,136	—1,136	...	...	...	—1,136	
Total ...	65,64,267	8,68,301	74,32,568	1,64,592	1,65,550	958	75,97,160	
Less—Receipts on Capital Account ...	12,234	94	12,328	...	...	...	12,328	
Net Total ...	65,52,033	8,68,207	74,20,240	1,64,592	1,65,550	958	75,84,832	
INDIRECT CHARGES.								
Capitalized abatement of Land Revenue ...	58,776	34,752	93,528	...	...	...	93,528	
Leave and Pension Allowances... ...	1,89,546	13,229	2,02,775	4,028	1,550	—2,478	2,06,803	
Total ...	2,48,322	47,981	2,96,303	4,028	1,550	—2,478	3,00,331	
Grand Total ...	68,00,355	9,16,188	77,16,543	1,68,620	1,67,100	—1,520	78,85,163	

Government Resolution (Public Works Department) No. A. I.-13185, dated 4th December 1915.

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1915-1916.

49.—IRRIGATION WORKS.

EKRUK TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1915-1916.

Receipts.	Total. Previous.	1915-1916.	Total.	Charges.	Total. Previous.	1915-1916.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.							
				I.—EXTENSIONS AND IMPROVEMENTS.			
1. Water-rates from Irrigation ...	5,56,557	18,950	5,75,507				
3. Sales of water ...	2,33,767	34,571	2,68,338				
4. Water-supply of towns... ...	2,13,767	23,928	2,37,695	1. Head Works	5,052	...	5,052
5. Plantations ...	1,43,492	466	1,47,335	2. Main Canals and Branches	43,470	414	43,884
6. Other Canal produce ...		3,377		3. Distributaries	1,075	...	1,075
9. Rents of Buildings	275	35	310				
11. Miscellaneous Receipts ...	25,198	625	25,823	Total ...	49,597	414	50,011
Total ...	11,73,056	81,952	12,55,008	II.—MAINTENANCE AND REPAIRS.			
II.—INDIRECT RECEIPTS.				1. Head Works	85,115	2,276	87,391
				2. Main Canals and Branches	2,40,995	4,190	2,45,185
Irrigation share of Land Revenue collected in the Civil Department ...	...	...	...	3. Distributaries	5,706	200	5,906
				Total ...	3,31,816	6,666	3,38,482
Total, Receipts ...	11,73,056	81,952	12,55,008	III.—COMPENSATION ...	69	...	69
				IV.—ESTABLISHMENT.			
				1 & 2. Direction and Accounts ...	29,638	319	29,957
				3. Executive	2,07,477	4,754	2,12,231
				Total ...	2,37,115	5,073	2,42,188
				V.—TOOLS AND PLANT ...	6,790	106	6,896
Carried over ...	11,73,056	81,952	12,55,008	Carried over ...	6,25,387	12,259	6,37,646

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1915-1916.

49.—IRRIGATION WORKS.

EKRUK TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1915-1916.

Receipts.	Total.			Charges.	Total.		
	Previous.	1915-1916.	Total.		Previous.	1915-1916.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
Brought forward ...	11,73,056	81,952	12,55,008	Brought forward ...	6,25,387	12,259	6,37,646
				VI.—REFUNDS OF REVENUE.	1,145	...	1,145
				Suspense Account ...	—71	...	—71
				Total ...	6,26,461	12,259	6,38,720
				Share of Collection Charges in the Civil Department...	29,783	948	30,731
				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	37,172	710	37,882
				Total Charges ...	6,93,416	13,917	7,07,333
				Balance Net Revenue ...	4,79,640	68,035	5,47,675
Grand Total ...	11,73,056	81,952	12,55,008	Grand Total ...	11,73,056	81,952	12,55,008

N.B.—Last Capital Account detailed in the Administrative Accounts for 1895-96.
Construction Estimate closed on 31st March 1891—*vide* Government Resolution No. 1253, dated 28th July 1891.

No. 4.—Interest Account for, and to end of, 1915-1916.

	Amount.		Amount.
	Rs.		Rs.
Total Interest charges to end of 1914-1915	21,42,482	Net revenue realized to end of 1914-1915	4,79,640
Interest charges for the year 1915-1916.	42,646	Do. during 1915-1916.	68,035
			5,47,675
		Balance net Interest charges ...	16,37,453
Total ...	21,85,128	Total ...	21,85,128

No. 5.—Account of Indirect Charges for, and to end of, 1915-1916.

Particulars.	Previous.	1915-1916.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
1. Leave and Pension Allowances...	37,172	710	37,882

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1915-1916.

49.—IRRIGATION WORKS.

KRISHNA CANAL.

CANAL PROJECT.

No. 2.—Capital Account for, and to end of, 1915-1916.

Heads of Account.	Direct Charges.			Cost of construction as now estimated. (Construction estimate closed on 31st March 1892).	Expenditure against closed estimates.
	Previous.	1915-1916.	Total.		
I.—WORKS.	Rs.	Rs.	Rs.	Rs.	Rs.
(1)—*Head Works.*					
A. Preliminary Expenses ...	633	...	633	633	633
C. Works	2,02,225	1,191	2,03,416	2,07,072	1,45,889
K. Buildings	1,430	...	1,430	1,430	1,430
Total, Head Works ...	2,04,288	1,191	2,05,479	2,09,135	1,47,952
(2)—*Main Canals and Branches.*					
A. Preliminary Expenses ...	1,649	...	1,649	1,649	1,649
B. Land	16,740	...	16,740	16,740	16,740
F. River and Hill Torrent Works ...	1,95,671	...	1,95,671	1,95,671	1,95,671
G. Bridges	32,208	...	32,208	32,208	32,208
K. Buildings	12,100	...	12,100	12,100	12,100
L. Earth-work	2,32,717	...	2,32,717	2,32,717	2,32,717
M. Plantations	882	...	882	882	882
O. Miscellaneous	513	...	513	513	513
P. Maintenance	3,423	...	3,423	3,423	3,423
Total, Main Canals and Branches ...	4,95,903	...	4,95,903	4,95,903	4,95,903
(3)—*Distributaries.*					
B. Land	562	...	562	562	562
C. Works	16,279	...	16,279	16,279	16,279
L. Earth-work	12,442	...	12,442	12,442	12,442
M. Plantations	2,897	...	2,897	2,897	2,897
Total, Distributaries ...	32,180	...	32,180	32,180	32,180
Total, I.—Works ...	7,32,371	1,191	7,33,562	7,37,218	6,76,035
II.—ESTABLISHMENT.					
1 & 2. Direction and Accounts ...	36,561	54	36,615	1,55,459	33,980
3. Executive	1,18,117	203	1,18,320		1,08,540
Total, Establishment ...	1,54,678	257	1,54,935	1,55,459	1,42,520
III.—TOOLS AND PLANT	2,526	18	2,544	2,585	1,682
Grand Total ...	8,89,575	1,466	8,91,041	8,95,262	8,20,237
V.—*Less*—Receipts on Capital Account.	.....	...	.....	.....	.....
Net Outlay ...	8,89,575	1,466	8,91,041	8,95,262	8,20,237
Apportionment.					
Chargeable to 49.—Irrigation ...	8,18,545	...	8,18,545	8,18,545	8,18,545
Chargeable to 43.—Minor Works and Navigation	71,030	1,466	72,496	76,717	1,692
Total ...	8,89,575	1,466	8,91,041	8,95,262.	8,20,237

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1915-1916.

49.—IRRIGATION WORKS.

KRISHNA CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1915-1916.

Receipts.	Total. Previous.	1915-1916.	Total.	Charges.	Total. Previous.	1915-1916.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	14,60,295	66,349	15,28,916	1. Head Works	1,789	...	1,789
		(a) 2,272		2. Main Canals and Branches	4,841	...	4,841
3. Sales of water...	66	...	66	3. Distributaries... ...	565	...	565
4. Water-supply of towns ...	6,232	...	6,232				
5. Plantations ...	69,290	56	79,978				
6. Other Canal produce ...		10,632		Total ...	7,195	...	7,195
9. Rents of Buildings	2,276	120	2,396				
11. Miscellaneous Receipts ...	379	6	385	II.—MAINTENANCE AND REPAIRS.			
				1. Head Works	15,153	109	15,262
Total ...	15,38,538	79,435	16,17,973	2. Main Canals and Branches	3,00,532	5,711	3,06,243
				3. Distributaries... ...	25,012	...	25,012
				4. Drainage and Protective Works ...	395	...	395
II.—INDIRECT RECEIPTS.							
Irrigation share of Land Revenue collected in the Civil Department ...	...	...	...	Total ...	3,41,092	5,820	3,46,912
				III.—COMPENSATION ...	18,607	(a) 404	19,011
Total, Receipts ...	15,38,538	79,435	16,17,973				
				IV.—ESTABLISHMENT.			
				1 & 2. Direction and Accounts ...	16,217	262	16,479
				3. Executive	2,06,123	2,655	2,08,778
				Total ...	2,22,340	2,917	2,25,257
				V.—TOOLS AND PLANT ...	4,866	87	4,953
Carried over ...	15,38,538	79,435	16,17,973	Carried over ...	5,94,100	9,228	6,03,328

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1915-1916.

49.—IRRIGATION WORKS.

KRISHNA CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1915-1916.

Receipts.	Total. Previous.	1915-1916.	Total.	Charges.	Total. Previous.	1915-1916.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
Brought forward ...	15,38,538	79,435	16,17,973	Brought forward ...	5,94,100	9,228	6,03,328
(a) Amount adjusted by credit to water-rates and debit *per contra* on account of the following charges recovered by the Native States from water-rate collection :—				VI.—REFUNDS OF REVENUE.	1,331	140	1,471
Loss of assessments on account of land taken up for the Canals, debited to III.—Compensation— Rs.				Total ...	5,95,431	9,368	6,04,799
Sangli State ... 252				Share of Collection Charges in the Civil Department .	90,718	2,455 (a) 1,868	95,041
Pant Pratinidhi... 152							
404							
Collection charges—				Indirect charges debitable to Revenue Account as per Account No. 5 ...	36,977	408	37,385
Pant Pratinidhi— Rs.							
For recovery of water-rates . 1,683				Total, Charges ...	7,23,126	14,099	7,37,225
Sangli State—							
For recovery of water-rates . 185				Balance Net Revenue ...	8,15,412	65,336	8,80,748
1,868							
Total ... 2,272							
Grand Total ...	15,38,538	79,435	16,17,973	Grand Total ...	15,38,538	79,435	16,17,973

N.B.—Construction Estimate closed on 31st March 1892, *vide* Government Resolution No. 777, dated 14th May 1892. Completion Report approved in Government Resolution No. 119, dated 22nd January 1894.

No. 4.—Interest Account for, and to end of, 1915-1916.

	Amount.		Amount.
	Rs.		Rs.
Total Interest charges to end of 1914-1915	14,98,200	Net revenue realized to end of 1914-1915	8,15,412
Interest charges for the year 1915-1916..	30,916	Do. during 1915-1916.	65,336
			8,80,748
		Balance net Interest charges	6,48,368
Total ...	15,29,116	Total ...	15,29,116

No. 5.—Account of Indirect Charges for, and to end of, 1915-1916.

Particulars.	Previous.	1915-1916.	Total.
	Rs.	Rs.	Rs.
CAPITAL—			
1. Capitalized abatement of Land Revenue	21,822	.....	21,822
2. Leave and Pension Allowances	29,577	36	29,613
Total ...	51,399	36	51,435

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1915-1916.

49.—IRRIGATION WORKS.

KRISHNA CANAL.

CANAL PROJECT.

No. 5.—Account of Indirect Charges for, and to end of, 1915-1916.—continued.

Particulars.	Previous.	1915-1916.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
1. Capitalized abatement of Land Revenue	64	.....	64
2. Leave and Pension Allowances	36,913	408	37,321
Total ...	36,977	408	37,385

No. 6.—Statement comparing Charges to date with sanctioned Estimates.

Particulars.	Charges against closed sanctions.			Current Sanctions.			Total charges to date against old and current Sanctions.	Remarks.
	Expenditure against construction Estimate.	Expenditure against open Capital Sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Works ...	6,60,941	15,094	6,76,035	57,527	61,183	3,656	7,33,562	Estimate sanctioned in Government of India, Public Works Department, No. 333-I., dated 30th March 1916, communicated in Government Order No. W.I.-4725, (Public Works Department), dated 4th May 1916.
Establishment ...	1,39,464	3,056	1,42,520	12,415	12,939	524	1,54,935	
Tools and Plant ...	1,682	...	1,682	862	903	41	2,544	
Suspense Accounts ...	...	...	...	...	...	...	...	
Total ...	8,02,087	18,150	8,20,237	70,804	75,025	4,221	8,91,041	
Less—Receipts on Capital Account ...	...	...	...	...	...	...	...	
Net Total ...	8,02,087	18,150	8,20,237	70,804	75,025	4,221	8,91,041	
INDIRECT CHARGES.								
Capitalized abatement of Land Revenue ...	17,222	4,600	21,822	...	...	...	21,822	
Leave and Pension Allowances ...	27,446	428	27,874	1,739	1,811	72	29,613	
Total ...	44,668	5,028	49,696	1,739	1,811	72	51,435	
Grand Total ...	8,46,755	23,178	8,69,933	72,543	76,836	4,293	9,42,476	

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1915-1916.

43.—MINOR WORKS AND NAVIGATION.

SUKKUR CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1915-1916.

Receipts.	Total. Previous.	1915-1916.	Total.	Charges.	Total. Previous.	1915-1916.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	39,183	1,673	40,856				
5. Plantations ...	18,300	11	19,072	1. Head Works ...	15,425	...	15,425
6. Other canal produce		761		2. Main Canals and Branches ...	1,32,686	...	1,32,686
9. Rents of Buildings.	4,454	19	4,473	3. Distributaries ...	863	...	863
10. Fines	4,681	507	5,188				
11. Miscellaneous Receipts	32,597	630	33,227				
Total ...	99,215	3,601	1,02,816	Total ...	1,48,974	...	1,48,974
II.—INDIRECT RECEIPTS.				II.—MAINTENANCE AND REPAIRS.			
Irrigation share of Land Revenue collected in the Civil Department.	48,89,988	1,77,234	50,67,222	1. Head Works ...	6,627	...	6,627
				2. Main Canals and Branches ...	14,07,305	66,393	14,73,698
4 per cent. on $\frac{2}{10}$ths of the proceeds from sales of occupancy rights per Government of India Nos. 53 and 58 A. I., dated respectively 20th June and 1st August 1889, communicated in Government Resolution No. 1209, dated 10th July, and No. 1913, dated 7th November 1889...	15,533	838	16,371	Total ...	14,13,932	66,393	14,80,325
				IV.—ESTABLISHMENT.			
				1 & 2. Direction and Accounts ...	93,337	2,352	95,689
				3. Executive	3,34,763	13,699	3,48,462
Total ...	49,05,521	1,78,072	50,83,593	Total ...	4,28,100	16,051	4,44,151
Total, Receipts ...	50,04,736	1,81,673	51,86,409	V.—TOOLS AND PLANT ...	18,858	696	19,554
Carried over ...	50,04,736	1,81,673	51,86,409	Carried over ...	20,09,864	83,140	20,93,004

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1915-1916.

43.—MINOR WORKS AND NAVIGATION.

SUKKUR CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1915-1916.

Receipts.	Total.			Charges.	Total.		
	Previous.	1915-1916.	Total.		Previous.	1915-1916.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
Brought forward ...	50,04,736	1,81,673	51,86,409	Brought forward ...	20,09,864	83,140	20,93,004
				VI.—REFUNDS OF REVENUE	119	...	119
				Total ...	20,09,983	83,140	20,93,123
Note.—Loss to the canal on account of difference between assessment of water-rates on Jághir lands and assessment at the ordinary rates in force for Government lands noted here per Government of India Letter No. 233-I., dated 14th June 1883, communicated under Government Resolution No. 400, dated 11th August 1883:— Rs. To end of 1914-1915. 2,23,814 Loss for 1915-1916 ... 8,708 Total ... 2,32,522				Share of Collection Charges in the Civil Department	3,72,535	10,772	3,83,307
				Indirect Charges debitable to Revenue Account as per Account No. 5	68,745	2,247	70,992
				Total, Charges ...	24,51,263	96,159	25,47,422
				Balance Net Revenue ...	25,53,473	85,514	26,38,987
Grand Total ...	50,04,736	1,81,673	51,86,409	Grand Total ...	50,04,736	1,81,673	51,86,409

N. B.—Last Capital Account detailed in the Administrative Accounts for 1905-1906. Construction Estimate closed on 31st March 1896—*vide* Government Resolution No. 1411, dated 12th September 1893. Completion Report approved in Government Resolution No. 569, dated 27th March 1895.

No. 5.—Account of Indirect Charges for, and to end of, 1915-1916.

Particulars.	Previous.	1915-1916.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
1. Capitalized abatement of Land Revenue	3,027	.....	3,027
2. Leave and Pension Allowances	65,718	2,247	67,965
Total ...	68,745	2,247	70,992

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1915-1916.

43.—MINOR WORKS AND NAVIGATION.

GHA'R CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1915-1916.

Receipts.	Total. Previous.	1915-1916.	Total.	Charges.	Total. Previous.	1915-1916.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	2,39,736	4,735	2,44,471				
5. Plantations ...	61,976	376	63,994				
6. Other canal produce		1,642					
9. Rents of Buildings.	18,149	1,167	19,316				
10. Fines	15,466	2,653	18,119				
11. Miscellaneous Receipts	1,91,398	7,348	1,98,746				
Total ...	5,26,725	17,921	5,44,646				
II.—INDIRECT RECEIPTS.							
Irrigation share of Land Revenue collected in the Civil Department.	2,74,88,396	7,07,253	2,81,95,649				
4 per cent. on $\frac{9}{10}$ths of the proceeds from sales of occupancy rights per Government of India Nos. 53 and 58 A. I., dated respectively, 20th June and 1st August 1889, communicated in Government Resolution No. 1209, dated 10th July, and No. 1913, dated 7th November 1889 .	1,18,188	7,598	1,25,786				
Total ...	2,76,06,584	7,14,851	2,83,21,435				
Total, Receipts ...	2, 1,33,309	7,32,772	2,88,66,081				
				1. Head Works ...	1,407	...	1,407
				2. Main Canals and Branches	3,66,347	1,984	3,68,331
				3. Distributaries ...	12,796	...	12,796
				Total ...	3,80,550	1,984	3,82,534
				II.—MAINTENANCE AND REPAIRS.			
				2. Main Canals and Branches ...	38,22,900	1,42,942	39,65,842
				3. Distributaries ...	15,675	...	15,675
				Total ...	38,38,575	1,42,942	39,81,517
				III.—COMPENSATION.	108	...	108
				IV.—ESTABLISHMENT.			
				1 & 2. Direction and Accounts ...	2,80,898	4,792	2,85,690
				3. Executive ...	9,25,475	29,783	9,55,258
				Total ..	11,56,373	34,575	11,90,948
				V.—TOOLS AND PLANT ...	10,624	1,472	12,096
Carried over ...	2,81,33,309	7,32,772	2,88,66,081	Carried over ..	53,86,230	1,80,973	55,67,203

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1915-1916.

43.—MINOR WORKS AND NAVIGATION.

GHA'R CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1915-1916.

Receipts.	Total.			Charges.	Total.		
	Previous.	1915-1916.	Total.		Previous.	1915-1916.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
Brought forward ...	2,81,33,309	7,32,772	2,88,66,081	Brought forward ...	53,86,230	1,80,973	55,67,203
Note.—Loss to the canal on account of difference between assessment of water-rates on Jaghir lands and assessment at the ordinary rates in force for Government lands noted here per Government of India letter No. 233-I., dated 14th June 1883, communicated under Government Resolution No. 400, dated 11th August 1883 :— Rs. To end of 1914-1915. 11,54,374 Loss for 1915-1916... 23,761 Total ...11,78,135				VI.—REFUNDS OF REVENUE	184	...	184
				Total ...	53,86,414	1,80,973	55,67,387
				Share of Collection Charges in the Civil Department	22,79,084	43,095	23,22,179
				Indirect Charges debitable to Revenue Account as per Account No. 5	1,91,767	4,896	1,96,663
				Total, Charges ...	78,57,265	2,28,964	80,86,229
				Balance Net Revenue ...	2,02,76,044	5,03,808	2,07,79,852
Grand Total ...	2,81,33,309	7,32,772	2,88,66,081	Grand Total ...	2,81,33,309	7,32,772	2,88,66,081

N.B.—Last Capital Account detailed in the Administrative Accounts for 1914-15. Construction Estimate closed on 31st March 1879, *vide* Government Resolution No. 1416, dated 12th September 1893. Completion Report approved in Government Resolution No. 927, dated 11th June 1895.

No. 5.—Account of Indirect Charges for, and to end of, 1915-1916.

Particulars.	Previous.	1915-1916.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
1. Capitalized abatement of Land Revenue	14,119	55	14,174
2. Leave and Pension Allowances	1,77,648	4,841	1,82,489
Total ...	1,91,767	4,896	1,96,663

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1915-1916.

43.—MINOR WORKS AND NAVIGATION.

SUTTAH CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1915-1916.

Receipts.	Total. Previous.	1915-1916.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation	312	5	317
6. Other canal produce ...	1,153	14	1,167
11. Miscellaneous Receipts ...	—264	225	—39
Total ..	1,201	244	1,445
II.—INDIRECT RECEIPTS.			
Irrigation share of Land Revenue collected in the Civil Department	1,20,373	4,587	1,24,960
4 per cent. on 9/10ths of the proceeds from sales of occupancy rights per Government of India Nos. 53 and 58 A. I., dated respectively 20th June and 1st August 1889, communicated in Government Resolution No. 1209, dated 10th July, and No. 1913, dated 7th November 1889.	3,815	623	4,438
Total ...	1,24,188	5,210	1,29,398
Total, Receipts ...	1,25,389	5,454	1,30,843

Note.—Loss to the canal on account of difference between assessment of water-rates on jághir lands and assessment at the ordinary rates in force for Government lands noted here per Government of India letter No. 233-I., dated 14th June 1883, communicated under Government Resolution No. 400, dated 11th August 1883.

	Rs.
To end of 1914-1915	2,901
Loss for 1915-1916	97
Total ...	2,998

Charges.	Total. Previous.	1915-1916.	Total.
I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
2. Main Canals and Branches .	3,369	110	3,479
Average expenditure before Improvements	—21,934	—1,994	—23,928
Total ...	—18,565	—1,884	—20,449
II.—MAINTENANCE AND REPAIRS.			
2. Main Canals and Branches	1,11,592	7,884	1,19,476
IV.—ESTABLISHMENT.			
1 & 2. Direction and Accounts.	2,802	91	2,893
3. Executive	4,509	314	4,823
Total ...	7,311	405	7,716
V.—TOOLS AND PLANT ...	—472	175	—297
Total ...	99,866	6,580	1,06,446
Share of Collection Charges in the Civil Department ...	7,068	290	7,358
Indirect Charges debitable to Revenue Account as per Account No. 5	1,024	57	1,081
Total, Charges ...	1,07,958	6,927	1,14,885
Balance Net Revenue ...	17,431	—1,473	15,958
Grand Total ...	1,25,389	5,454	1,30,843

N.B.—Last Capital Account detailed in the Administrative Accounts for 1912-1913. Construction Estimate closed on 31st March 1910, *vide* Government Resolution No. 299, dated 5th February 1910. Completion Report approved in Government Resolution No. 950, dated 9th May 1911.

No. 5.—Account of Indirect Charges for, and to end of, 1915-1916.

Particulars.	Previous.	1915-1916.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
2. Leave and Pension Allowances	1,024	57	1,081

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1915-1916.

43.—MINOR WORKS AND NAVIGATION.

ALIBHAR KACHERI CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1915-1916.

Receipts.	Total. Previous.	1915-1916.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	22,504	652	23,156
5. Plantations ...	3,592	...	3,627
6. Other canal produce		35	
10. Fines	128	...	128
11. Miscellaneous Receipts... ...	2,980	162	3,142
Total ...	29,204	849	30,053
II.—INDIRECT RECEIPTS.			
Irrigation share of Land Revenue collected in the Civil Department.	2,49,631	7,963	2,57,594
4 per cent. on $\frac{2}{10}$ths of the proceeds from sales of occupancy rights per Government of India Nos. 53 and 58 A.I., dated respectively, 20th June and 1st August 1889, communicated in Government Resolution No. 1209, dated 10th July, and No. 1913, dated 7th November 1889	14,768	840	15,608
Total ...	2,64,399	8,803	2,73,202
Total, Receipts ...	2,93,603	9,652	3,03,255
Note.—Loss to the canal on account of difference between assessment of water-rates on jághir lands and assessment at the ordinary rates in force for Government lands noted here per Government of India letter No. 233-I., dated 14th June 1883, communicated under Government Resolution No. 400, dated 11th August 1883:— Rs. To end of 1914-1915...1,05,662 Loss for 1915-1916 ... 3,469 Total ... 1,09,131			
Grand Total ...	2,93,603	9,652	3,03,255

Charges.	Total. Previous.	1915-1916.	Total.
I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
2. Main Canals and Branches	5,316	...	5,316
4. Drainage and Protective Works ...	245	...	245
Total ...	5,561	...	5,561
II.—MAINTENANCE AND REPAIRS.			
2. Main Canals and Branches	29,190	—2,751	26,439
3. Distributaries ..	12,672	...	12,672
Total ...	41,862	—2,751	39,111
IV.—ESTABLISHMENT.			
1 & 2. Direction and Accounts	8,981	35	9,016
3. Executive	11,551	37	11,588
Total ...	20,532	72	20,604
V.—TOOLS AND PLANT...	635	49	684
VI.—REFUNDS OF REVENUE	19	...	19
Total ...	68,609	—2,630	65,979
Share of Collection Charges in the Civil Department	22,174	518	22,692
Indirect Charges debitable to Revenue Account as per Account No. 5	3,437	10	3,447
Total, Charges ...	94,220	—2,102	92,118
Balance Net Revenue ...	1,99,383	11,754	2,11,137
Grand Total ...	2,93,603	9,652	3,03,255

N.B.—Last Capital Account detailed in the Administrative Accounts for 1877-78. Construction Estimate closed on 31st March 1876, *vide* Government Resolution No. 1411, dated 12th September 1893. Completion Report approved in Government Resolution No. 1229, dated 1st August 1894.

No. 5.—Account of Indirect Charges for, and to end of, 1915-1916.

Particulars.	Previous.	1915-1916.	Total.
REVENUE—	Rs.	Rs.	Rs.
2. Leave and Pension Allowances	3,437	10	3,447

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1915-1916.

43.—MINOR WORKS AND NAVIGATION.

Ma'bak Great Canal.

Canal Project.

No. 3.—Revenue Account for, and to end of, 1915-1916.

Receipts.	Total. Previous.	1915-1916.	Total.	Charges.	Total. Previous.	1915-1916.	Total.
I.—Direct Receipts.	Rs.	Rs.	Rs.	I—Extensions and Improvements.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	1,07,740	3,607	1,11,347				
3. Sales of water ...	15	...	15	2. Main Canals and Branches	43,285	85	43,370
5. Plantations ...	16,863	...	17,357				
6. Other canal produce.		494					
8. Navigation ...	124	...	124				
9. Rents of Buildings.	143	...	143	II.—Maintence and Repairs.			
10. Fines	2,395	...	2,395				
11. Miscellaneous Receipts	12,847	184	13,031	1. Head Works ...	3,416	...	3,416
Total ...	1,40,127	4,285	1,44,412	2. Main Canals and Branches	4,28,224	12,078	4,40,302
II.—Indirect Receipts				Total ...	4,31,640	12,078	4,43,718
Irrigation share of Land Revenue collected in the Civil Department.	26,54,363	1,00,171	27,54,534	IV.—Establishment.			
4 per cent. on $\frac{9}{10}$ ths of the proceeds from sales of occupancy rights per Government of India Nos. 53 and 58 A. I., dated respectively 20th June and 1st August 1889, communicated in Government Resolution No. 1209, dated 10th July, and No. 1913, dated 7th November 1889	48,708	3,406	52,114	1 & 2. Direction and Accounts	27,871	209	28,080
				3. Executive	1,47,936	5,695	1,53,631
				Total ...	1,75,807	5,904	1,81,711
				V.—Tools and Plant ...	2,691	308	2,999
				VI.—Refunds of Revenue ...	40	...	40
Total ...	27,03,071	1,03,577	28,06,648	Total ...	6,53,463	18,375	6,71,838
Total Receipts ...	28,43,198	1,07,862	29,51,060	Share of Collection Charges in the Civil Department	2,13,472	6,227	2,19,699
Note.—Loss to the canal on account of difference between assessment of water-rates on jágbir lands and assessment at the ordinary rates in force for Government lands noted here per Government of India letter No. 233-I., dated 14th June 1883, communicated under Government Resolution No. 400, dated 11th August 1883 :— Rs. To end of 1914-1915 .6,03,324 Loss for 1915.1916 ... 17,902 Total .. 6,21,226				Indirect Charges debitable to Revenue Account as per Account No. 5	26,686	827	27,513
				Total, Charges ...	8,93,621	25,429	9,19,050
				Balance Net Revenue ...	19,49,577	82,433	20,32,010
Grand Total ...	28,43,198	1,07,862	29,51,060	Grand Total ...	28,43,198	1,07,862	29,51,060

N.B.—Last Capital Account detailed in the Administrative Accounts for 1893-99. Construction Estimate closed on 31st March 1882, *vide* Government Resolution No. 1411, dated 12th September 1893. Completion Report approved in Government Resolution No. 1229, dated 1st August 1894.

No. 5 — Account of Indirect Charges for, and to end of, 1915-1916.

Particulars.	Previous.	1915-1916.	Total.
REVENUE—	Rs	Rs.	Rs.
1. Capitalized Abatement of Land Revenue	772	.....	772
2. Leave and Pension Allowance	25,914	827	26,741
Total ...	26,686	827	27,513

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1915-1916.

43.—MINOR WORKS AND NAVIGATION.

SARFRAZWA'H CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1915-1916.

Receipts.	Total. Previous.	1915-1916.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	68,388	1,209	69,597
5. Plantations... ...	16,055	...	16,289
6. Other canal produce .		234	
8. Navigation	...	18	18
10. Fines	173	...	173
11. Miscellaneous Receipts... ...	5,905	368	6,273
Total ...	90,521	1,829	92,350
II.—INDIRECT RECEIPTS.			
Irrigation share of Land Revenue collected in the Civil Department	9,50,497	30,122	9,80,619
4 per cent. on $\frac{9}{10}$ ths of the proceeds from sales of occupancy rights per Government of India Nos. 53 and 58 A. I., dated respectively 20th June and 1st August, 1889, communicated in Government Resolution No. 1209, dated 10th July, and No. 1913, dated 7th November 1889	24,249	1,294	25,543
Total ...	9,74,746	31,416	10,06,162
Total, Receipts ...	10,65,267	33,245	10,98,512

Note.—Loss to the canal on account of difference between assessment of water-rates on jághir lands and assessment at the ordinary rates in force for Government lands noted here per Government of India letter No. 233-I., dated 14th June 1883, communicated under Government Resolution No. 400, dated 11th August 1883.

	Rs.
To end of 1914-1915	3,28,532
Loss for 1915-1916 ...	9,107
Total...	3,37,639

Charges.	Total. Previous.	1915-1916.	Total.
I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
2. Main Canals and Branches	39,754	...	39,754
II.—MAINTENANCE AND REPAIRS.			
2. Main Canals and Branches	3,05,386	9,925	3,15,311
4. Drainage and Protective Works ...	6,778	...	6,778
Total ...	3,12,164	9,925	3,22,089
IV.—ESTABLISHMENT.			
1 & 2. Direction and Accounts	24,924	526	25,450
3. Executive	83,543	4,583	88,126
Total ...	1,08,467	5,109	1,13,576
V.—TOOLS AND PLANT...	1,294	217	1,511
VI.—REFUNDS OF REVENUE	4	...	4
Total ...	4,61,683	15,251	4,76,934
Share of Collection Charges in the Civil Department	76,872	1,880	78,752
Indirect Charges debitable to Revenue Account as per Account No. 5	17,717	715	18,432
Total, Charges ..	5,56,272	17,846	5,74,118
Balance Net Revenue ...	5,08,995	15,399	5,24,394
Grand Total ...	10,65,267	33,245	10,98,512

N.B.—Last Capital Account detailed in the Administrative Accounts for 1881-82. Construction Estimate closed on 31st March 1876—*vide* Government Resolution No. 1411, dated 11th September 1893. Completion Report approved in Government Resolution No. 1229, dated 1st August 1894.

No. 5.—Account of Indirect Charges for, and to end of, 1915-1916.

Particulars.	Previous.	1915-1916.	Total.
REVENUE—	Rs.	Rs.	Rs.
1. Capitalized abatement of Land Revenue	1,117	.....	1,117
2. Leave and Pension Allowances	16,600	715	17,315
Total ...	17,717	715	18,432

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1915-1916.

43.—MINOR WORKS AND NAVIGATION.

FULELI CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1915-1916.

Receipts.	Total.			Charges.	Total.		
	Previous.	1915-1916.	Total.		Previous.	1915-1916.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				I.—EXTENSIONS AND IMPROVEMENTS.			
1. Water-rates from Irrigation ...	12,84,966	33,881	13,18,847	2. Main Canals and Branches. ...	2,24,771	43,755	2,68,526
3. Sales of water ...	2,418	316	2,734	3. Distributaries ...	450	...	450
5. Plantations ...	1,29,985	176	1,35,112	Total ...	2,25,221	43,755	2,68,976
6. Other canal produce		4,951					
8. Navigation ...	64,743	...	64,743				
9. Rents of Buildings.	3,769	959	4,728	II.—MAINTENANCE AND REPAIRS.			
10. Fines	10,914	780	11,694				
11. Miscellaneous Receipts	1,48,826	4,032	1,52,858	1. Head Works ...	169	...	169
Total ..	16,45,621	45,095	16,90,716	2. Main Canals and Branches ...	48,93,813	83,151	49,76,964
				3. Distributaries ...	1,155	...	1,155
II.—INDIRECT RECEIPTS.							
Irrigation share of Land Revenue collected in the Civil Department	1,63,68,523	7,35,480	1,71,04,003	Total ...	48,95,137	83,151	49,78,288
4 per cent. on $\frac{9}{10}$ths of the proceeds from sales of occupancy rights per Government of India Nos. 53 and 58 A. I., dated respectively 20th June and 1st August 1889, communicated in Government Resolution No. 1209, dated 10th July, and No. 1913, dated 7th November 1889	1,86,542	14,007	2,00,549	IV.—ESTABLISHMENT.			
				1 & 2. Direction and Accounts ...	3,10,335	5,149	3,15,484
				3. Executive ...	11,03,691	43,372	11,47,063
				Total ...	14,14,026	48,521	14,62,547
Total ...	1,65,55,065	7,49,487	1,73,04,552				
				V.—TOOLS AND PLANT ...	32,263	2,444	34,707
Total, Receipts ...	1,82,00,686	7,94,582	1,89,95,268				
Carried over ...	1,82,00,686	7,94,582	1,89,95,268	Carried over ...	65,66,647	1,77,871	67,44,518

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1915-1916.

43.—MINOR WORKS AND NAVIGATION.

FULELI CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1915-1916.

Receipts.	Total.			Charges.	Total.		
	Previous.	1915-1916.	Total.		Previous.	1915-1916.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
Brought forward ...	1,82,00,686	7,94,582	1,89,95,268	Brought forward ...	65,66,647	1,77,871	67,44,518
				VI.—REFUNDS OF REVENUE	3,714	...	3,714
				Total ...	65,70,361	1,77,871	67,48,232
				Share of Collection Charges in the Civil Department	13,90,603	46,243	14,36,846
				Indirect Charges debitable to Revenue Account as per Account No. 5	2,41,258	6,923	2,48,181
				Total, Charges ...	82,02,222	2,31,037	84,33,259
				Balance Net Revenue ...	99,98,464	5,63,545	1,05,62,009
Grand Total ...	1,82,00,686	7,94,582	1,89,95,268	Grand Total ...	1,82,00,686	7,94,582	1,89,95,268

Note.—Loss to the canal on account of difference between assessment of water-rates on jághir lands and assessment at the ordinary rates in force for Government lands noted here per Government of India letter No. 233-I., dated 14th June 1883, communicated under Government Resolution No. 400, dated 11th August 1883.

	Rs.
To end of 1914-1915.	50,88,632
Loss for 1915-1916 .	1,97,022
Total ...	52,85,654

N.B.—Last Capital Account detailed in the Administrative Accounts for 1907-1908. Construction Estimate closed on 31st March 1893 *vide*—Government Resolution No. 1035, dated 27th June 1894. Completion Report approved in Government Resolution No. 1035, dated 27th June 1894.

No. 5.—Account of Indirect Charges for, and to end of, 1915-1916.

Particulars.	Previous.	1915-1916.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
1. Capitalized abatement of Land Revenue ...	16,173	130	16,303
2. Leave and Pension Allowances ...	2,25,085	6,793	2,31,878
Total ...	2,41,258	6,923	2,48,181

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1915-1916.

43.—MINOR WORKS AND NAVIGATION.

HASANALIWAH.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1915-1916.

Receipts.	Total.			Charges.	Total.		
	Previous.	1915-1916.	Total.		Previous.	1915-1916.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	1,531	888	2,419	2. Main Canals and Branches	20,726	156	20,882
6. Other canal produce	1,689	167	1,856				
9. Rents of Buildings	1	...	1	II.—MAINTENANCE AND REPAIRS.			
10. Fines	325	14	339				
11. Miscellaneous Receipts	2,855	90	2,945	2. Main Canals and Branches	1,39,038	9,069	1,48,107
Total ...	6,401	1,159	7,560	IV.—ESTABLISHMENT.			
II.—INDIRECT RECEIPTS.				1 & 2. Direction and Accounts ...	10,824	445	11,269
Irrigation share of Land Revenue collected in the Civil Department ...	4,05,311	40,707	4,46,018	3. Executive	42,255	2,670	44,925
4 per cent. on $\frac{9}{10}$ths of the proceeds from sales of occupancy rights per Government of India Nos. 53 and 58 A. 1., dated respectively 20th June and 1st August 1889, communicated in Government Resolution No. 1209, dated 10th July, and No. 1913, dated 7th November 1889	3,634	525	4,159	Total ...	53,079	3,115	56,194
				V.—TOOLS AND PLANT ...	1,558	138	1,696
Total ...	4,08,945	41,232	4,50,177	Total ...	2,14,401	12,478	2,26,879
Total, Receipts ...	4,15,346	42,391	4,57,737	Share of Collection Charges in the Civil Department	24,389	2,495	26,884
Note.—Loss to the canal on account of difference between assessment of water-rates on jághir lands and assessment at the ordinary rates in force for Government lands noted here per Government of India letter No. 233-I., dated 14th June 1883, communicated under Government Resolution No. 400, dated 11th August 1883.				Indirect Charges debitable to Revenue Account as per Account No. 5	7,431	436	7,867
Rs.				Total, Charges ...	2,46,221	15,409	2,61,630
To end of 1914-1915. 16,751				Balance Net Revenue ...	1,69,125	26,982	1,96,107
Loss for 1915-1916 ... 2,902							
Total ... 19,653							
Grand Total ...	4,15,346	42,391	4,57,737	Grand Total ...	4,15,346	42,391	4,57,737.

N.B.—Last Capital Account detailed in the Administrative Accounts for 1911-12. Construction Estimate closed on 31st March 1907—*vide* Government Resolution No. 1802, dated 15th July 1907. Completion Report approved in Government Resolution No. 1802, dated 15th July 1907.

No. 5.—Account of Indirect Charges for, and to end of, 1915-1916.

Particulars.	Previous.	1915-1916.	Total.
REVENUE—	Rs.	Rs.	Rs.
2. Leave and Pension Allowances	7,431	436	7,867

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1915-1916.

43.—MINOR WORKS AND NAVIGATION.

WANGROLI TANK.

TANK PROJECT.

No. 2.—Capital Account for, and to end of, 1915-1916.

Heads of Account.	Direct Charges.			Cost of construction as now estimated (construction estimate closed on 31st March 1909).	Expenditure against closed estimates.
	Previous.	1915-1916.	Total.		
I.—WORKS.	Rs.	Rs.	Rs.	Rs.	Rs.
(1)—*Head Works.*					
A. Preliminary Expenses	403	...	403	403	403
B. Land	16,995	...	16,995	16,995	16,995
C. Masonry Works	5,715	...	5,715	5,715	5,715
K. Buildings	6,089	...	6,089	6,089	6,089
L. Earth-work	82,684	...	82,684	82,684	82,684
M. Plantations	134	...	134	134	134
O. Miscellaneous	1,286	...	1,286	1,286	1,286
P. Maintenance	197	...	197	197	197
Total, Head Works ...	1,13,503	...	1,13,503	1,13,503	1,13,503
(2)—*Main Canals and Branches.*					
A. Preliminary Expenses	272	...	272	272	272
B. Land	10,180	...	10,180	10,680	10,180
C(*a*). Regulators	8,233	...	8,233	8,233	8,233
C(*b*). Falls and Weirs	300	...	300	300	300
C(*c*). River and Hill Torrent Works ...	247	...	247	247	247
C(*d*). Other Cross Drainage Works ...	34,475	528	35,003	35,050	34,475
C(*e*). Bridges	7,364	501	7,865	8,014	7,364
C(*f*). Escapes	208	...	208	208	208
L. Earth-work	23,272	229	23,501	25,022	23,272
M. Plantations	103	...	103	103	103
O. Miscellaneous	7,477	60	7,537	7,932	7,477
P. Maintenance	977	...	977	977	977
Total, Main Canals and Branches ...	93,108	1,318	94,426	97,038	93,108
Total, I.—Works ...	2,06,611	1,318	2,07,929	2,10,541	2,06,611
II.—ESTABLISHMENT.					
1 & 2. Direction and Accounts ...	6,063	60	6,123	} 27,853	{ 6,063
3. Executive	21,048	224	21,272		{ 21,053
Total, II.—Establishment ...	27,111	284	27,395	27,853	27,116
III.—TOOLS AND PLANT	1,769	20	1,789	1,820	1,769
Grand Total ...	2,35,491	1,622	2,37,113	2,40,214	2,35,496
V.—*Less*—Receipts on Capital Account.	743	...	743	743	743
Net Outlay ...	2,34,748	1,622	2,36,370	2,39,471	2,34,753
APPORTIONMENT.					
Chargeable to 43.—Minor Works and Navigation ...	1,77,534	1,622	1,79,156	1,82,257	1,77,539
Do. 38.—Famine Relief ...	57,214	...	57,214	57,214	57,214
Total ...	2,34,748	1,622	2,36,370	2,39,471	2,34,753

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1915-1916.

43.—MINOR WORKS AND NAVIGATION.

WANGROLI TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1915-1916.

Receipts.	Total.			Charges.	Total.		
	Previous.	1915-1916.	Total.		Previous.	1915-1916.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	29,008	750	29,758	1. Head Works ...	382	...	382
3. Sales of water ...	448	...	448	2. Main Canals and Branches... ...	3,441	1,113	4,554
5. Plantations ...	21	...	21	Total ...	3,823	1,113	4,936
6. Other Canal produce ...	125	52	177	II.—MAINTENANCE AND REPAIRS.			
9. Rents of buildings.	2	...	2				
11. Miscellaneous Receipts	3,197	159	3,356	1. Head Works ...	26,548	3,882	30,430
				2. Main Canals and Branches... ...	13,319	3,944	17,263
Total ...	32,801	961	33,762	Total ...	39,867	7,826	47,693
II.—INDIRECT RECEIPTS.				IV.—ESTABLISHMENT.			
Irrigation share of Land Revenue collected in the Civil Department.	10,718	...	10,718	1 & 2. Direction and Accounts... ...	2,112	397	2,509
				3. Executive	14,724	3,276	18,000
				Total ...	16,836	3,673	20,509
				V.—TOOLS AND PLANT ...	921	180	1,101
				VI.—REFUNDS OF REVENUE	...	98	98
				Total ...	61,447	12,890	74,337
				Share of Collection Charges in the Civil Department	2,594	38	2,632
				Indirect Charges debitable to Revenue Account as per Account No. 5	2,375	514	2,889
				Total, Charges ...	66,416	13,442	79,858
Total, Receipts ...	43,519	961	44,480	Balance Net Revenue...	—22,897	—12,481	—35,378
Grand Total ...	43,519	961	44,480	Grand Total ...	43,519	961	44,480

N.B.—Construction Estimate closed on 31st March 1909—*vide* Government Resolution No. 902, dated 31st March 1909. Completion Report approved in Government Resolution No. 729, dated 19th March 1910.

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1915-1916.

43.—MINOR WORKS AND NAVIGATION.

WANGROLI TANK.

TANK PROJECT.

No. 5.—Account of Indirect Charges for, and to end of, 1915-1916.

Particulars.	Previous.	1915-1916.	Total.
CAPITAL—	Rs.	Rs.	Rs.
1. Capitalized Abatement of Land Revenue	31,493	14,732	46,225
2. Leave and Pension Allowances	3,796	40	3,836
Total ...	35,289	14,772	50,061
REVENUE—			
1. Capitalized Abatement of Land Revenue	19	.....	19
2. Leave and Pension Allowances	2,356	514	2,870
Total ...	2,375	514	2,889

No. 6.—Statement comparing Charges to date with Sanctioned Estimates.

Particulars.	Charges against closed Sanctions.			Current Sanctions.			Total charges to date against old and current Sanctions.	Remarks.
	Expenditure against construction Estimate.	Expenditure against open Capital Sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Works	1,83,510	23,101	2,06,611	1,318	3,930	2,612	2,07,929	Estimate sanctioned in Government orders (Public Work Department) W. I. 545, dated 15th January 1916.
Establishment ...	23,033	4,083	27,116	279	737	458	27,395	
Tools and Plant ...	1,502	267	1,769	20	51	31	1,789	
Total ...	2,08,045	27,451	2,35,496	1,617	4,718	3,101	2,37,113	
Less—Receipts on Capital Account.	743	...	743	...	...	...	743	
Net Total ...	2,07,302	27,451	2,34,753	1,617	4,718	3,101	2,36,370	
INDIRECT CHARGES.								
Capitalized Abatement of Land Revenue	28,460	17,765	46,225	...	750	750	46,225	
Leave and Pension Allowances ...	3,225	572	3,797	39	103	64	3,836	
Total ...	31,685	18,337	50,022	39	853	814	50,061	
Grand Total ...	2,38,987	45,788	2,84,775	1,656	5,571	3,915	2,86,431	

* Rs. 5 under "Establishment" and Re. 1 under "Leave and Pension Allowances" excess written back during 1914-15, have been set right during 1915-16.

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1915-1916.

43.—MINOR WORKS AND NAVIGATION.

TRANZA-NAGRAMA TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1915-1916.

Receipts.	Total. Previous.	1915-1916.	Total.	Charges.	Total. Previous.	1915-1916.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				I.—EXTENSIONS AND IMPROVEMENTS.			
1. Water-rates from Irrigation ...	5,087	2	5,089	1. Head Works ...	1,343	558	1,901
5. Plantations ...	1	...	1	2. Main Canals and Branches ...	399	...	399
6. Other Canal produce ...	594	8	602	Total ...	1,742	558	2,300
10. Fines ...	16	...	16	II.—MAINTENANCE AND REPAIRS.			
11. Miscellaneous Receipts ...	2,340	...	2,340	1. Head Works ...	11,289	379	11,668
Total ...	8,038	10	8,048	2. Main Canals and Branches ...	5,912	380	6,292
				Total ...	17,201	759	17,960
II.—INDIRECT RECEIPTS.				IV.—ESTABLISHMENT.			
Irrigation share of Land Revenue collected in the Civil Department	399	60	459	1 & 2. Direction and Accounts ...	940	59	999
				3. Executive ...	7,364	488	7,852
				Total ...	8,304	547	8,851
Total, Receipts ...	8,137	70	8,507	V.—TOOLS AND PLANT ...	428	27	455
				VI.—REFUNDS OF REVENUE ...	...	194	194
				Total ...	27,675	2,085	29,760
				Share of Collection Charges in the Civil Department	346	6	352
				Indirect Charges debitable to Revenue Account as per Account No. 5	1,200	77	1,277
				Total, Charges ...	29,221	2,168	31,389
				Balance Net Revenue ...	—20,784	—2,098	—22,882
Grand Total ...	8,437	70	8,507	Grand Total ...	8,437	70	8,507

N.B.—Last Capital Account detailed in the Administrative Accounts for 1913-1914. Construction Estimate closed on 30th June 1909 —*vide* Government Resolution No. 2496, dated 12th October 1909. Completion Report approved in Government Resolution No. 1730, dated 6th August 1910.

No. 5.—Account of Indirect Charges for, and to end of, 1915-1916.

Particulars.	Previous.	1915-1916.	Total.
REVENUE—	Rs.	Rs.	Rs.
1. Capitalized Abatement of Land Revenue	38	.....	38
2. Leave and Pension Allowances	1,162	77	1,239
Total ...	1,200	77	1,277

N.B.—Last No. 6 account detailed in the Administrative Accounts for 1914-15.

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1915-1916.

43.—MINOR WORKS AND NAVIGATION.

SAVALI TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1915-1916.

Receipts.	Total.			Charges.	Total.		
	Previous.	1915-1916.	Total.		Previous.	1915-1916.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	27,011	1,340	28,351	1. Head Works ...	2,092	...	2,092
6. Other Canal produce...	40	23	·63	2. Main Cannals and Branches ..	13	·393	406
10. Fines ...	14	...	14				
11. Miscellaneous receipts	2,124	339	2,463	Total ...	2,105	393	2,498
Total ...	29,189	1,702	30,891	II.—MAINTENANCE AND REPAIRS.			
				1. Head Works ...	35,118	2,265	37,383
II.—INDIRECT RECEIPTS.				2. Main Canals and Branches ...	7,497	1,482	8,979
				Total ...	42,615	3,747	46,362
Irrigation share of Land Revenue collected in the Civil Department ...	...	...	...	IV.—ESTABLISHMENT.			
				1 & 2. Direction and Accounts ...	2,069	169	2,238
				3. Executive ...	12,668	1,389	14,057
Total, Receipts ...	29,189	1,702	30,891	Total ...	14,737	1,558	16,295
				V.—TOOLS AND PLANT...	894	77	971
				VI.—REFUNDS OF REVENUE ...	46	2	48
				Total ...	60,397	5,777	66,174
				Share of collection Charges in the Civil Department ...	1,364	67	1,431
				Indirect Charges debitable to Revenue Account as per Account No. 5	2,513	218	2,731
				Total, Charges ...	64,274	6,062	70,336
				Balance Net Revenue ...	—35,085	—4,360	—39,445
Grand Total ...	29,189	1,702	30,891	Grand Total ...	29,189	1,702	30,891

N.B.—Last Capital Account detailed in the Administrative Accounts for 1912-13. Construction Estimate closed on 31st March 1910—*vide* Government Resolution No. 66, dated 12th January 1910. Completion Report approved in Government Resolution No. 2577, dated 15th March 1912.

No. 5.—Account of Indirect Charges for, and to end of, 1915-1916.

Particulars.	Previous.	1915-1916.	Total.
REVENUE—	Rs.	Rs.	Rs.
1. Capitalized Abatement of Land Revenue ...	449	.....	449
2. Leave and Pension Allowances ...	2,064	218	2,282
Total ...	2,513	218	2,731

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1915-1916.

43.—MINOR WORKS AND NAVIGATION.

SAHIAT TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1915-1916.

Receipts.	Total.			Charges.	Total.		
	Previous.	1915-1916.	Total.		Previous.	1915-1916.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation	9,407	295	9,702	1. Head Works ...	1,165	1,005	2,170
5. Plantations ...	15	...	15	2. Main Canals and Branches ..	2,724	...	2,724
6. Other Canal produce	214	72	286	3. Distributaries ...	879	-363	516
11. Miscellaneous Receipts	884	...	884	Total ...	4,768	642	5,410
Total ...	10,520	367	10,887	II.—MAINTENANCE AND REPAIRS.			
II.—INDIRECT RECEIPTS.				1. Head Works ..	32,153	1,438	33,591
				2. Main Canals and Branches... ..	11,862	2,893	14,755
Irrigation share of Land Revenue collected in the Civil Department	36	...	36	Total ...	44,015	4,331	48,346
				IV.—ESTABLISHMENT.			
Total, Receipts ..	10,556	367	10,923	1. & 2. Direction and Accounts	2,262	224	2,486
				3. Executive	13,109	1,844	14,953
				Total ...	15,371	2,068	17,439
				V.—TOOLS AND PLANT ...	1,016	101	1,117
				VI.—REFUNDS OF REVENUE ...	...	1	1
				Total ..	65,170	7,143	72,313
				Share of Collection Charges in the Civil Department	475	13	488
				Indirect Charges debitable to Revenue Account as per Account No. 5	2,153	290	2,443
				Total, Charges ...	67,798	7,446	75,244
				Balance Net Revenue ...	-57,242	-7,079	-64,321
Grand Total ..	10,556	367	10,923	Grand Total ...	10,556	367	10,923

N.B.—Last Capital Account detailed in the Administrative Accounts for 1911-12. Construction Estimate closed on 31st March 1912—*vide* Government Resolution No. 2066, dated 18th October 1911. Completion Report approved in Government Resolution No. 10169, dated 7th October 1913.

No. 5.—Account of Indirect Charges for, and to end of, 1915-1916.

Particulars.	Previous.	1915-1916.	Total.
REVENUE—			
2. Leave and Pension Allowances	Rs. 2,153	Rs. 290	Rs. 2,443

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1915-1916.

43.—MINOR WORKS AND NAVIGATION.

SUKI RIVER.

TANK PROJECT.

No. 5.—Account of Indirect Charges for, and to end of, 1915-1916.

Paticulars.	Previous.	1915-1916.	Total.
CAPITAL—	Rs.	Rs.	Rs.
2. Leave and Pension Allowances	385	.....	385

No. 6.—Statement comparing Charges to date with Sanctioned Estimates.

Particulars.	Charges against closed Sanctions.			Current Sanctions.			Total charges to date against old and current Sanctions.	Remarks.
	Expenditure against construction Estimate.	Expenditure against open Capital Sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate	Unspent balance of Estimate.		
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Works	...	...	...	12,212	...	—12,212	12,212	Undertaken as a Famine Relief Work and the famine outlay at normal rates has been adjusted during the year 1911-12. Outlay without an estimate approved in Government Resolution No. A.I.6022, dated 7th June 1913.
Establishment ...	...	...	...	2,749	...	—2,749	2,749	
Tools and Plant ...	...	...	...	178	...	—178	178	
Total ...	...	...	...	15,139	...	—15,139	15,139	
Less—Receipts on Capital Account...	...	...	...	...	...	...	...	
Net Total ...	...	...	...	15,139	...	—15,139	15,139	
INDIRECT CHARGES.								
Capitalized Abatement of Land Revenue	...	...	...	...	...	...	...	
Leave and Pension Allowances ...	...	...	...	385	...	—385	385	
Total ...	...	...	...	385	...	—385	385	
Grand Total ...	...	...	...	15,524	...	—15,524	15,524	

Note.—The No. 2 Capital Account detailed in the Administrative Accounts for 1911-12.

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1915-1916.

43.—MINOR WORKS AND NAVIGATION.

FUTELAO TANK.

TANK PROJECT.

No. 2.—Capital Account for, and to end of, 1915-1916.

Heads of Account.	Direct Charges.			Cost of Construction as now estimated.	Expenditure against closed estimates.
	Previous.	1915-1916.	Total.		
I.—WORKS.	Rs.	Rs.	Rs	Rs.	Rs.
(1)—*Head Works.*					
B. Land	6,836	...	6,836	7,617	.....
C. Masonry Works	129	1,944	2,073	3,000	.....
K. Buildings	254	246	500	1,000	.....
L. Earth-work	62,660	2,435	65,095	60,200	.....
O. Miscellaneous	1,672	—18	1,654	1,735	.....
Total, Head Works ...	71,551	4,607	76,158	73,552	.....
(2)—*Main Canals and Branches.*					
B. Land	1,406	35	1,441	870	.....
C. Masonry Works	7,525	—452	7,073	7,000	.....
L. Earth-work	2,101	732	2,833	2,350	.....
O. Miscellaneous	303	201	504	950	.....
Total, Main Canals and Branches ...	11,335	516	11,851	11,170	.....
Total, I.—Works ...	82,886	5,123	88,009	84,722	.....
II.—ESTABLISHMENT.					
1 & 2. Direction and Accounts ...	3,360	230	3,590	3,431	.....
3. Executive	12,690	870	13,560	12,959	.....
Total, II.—Establishment ...	16,050	1,100	17,150	16,390	.....
III.—TOOLS AND PLANT	1,120	77	1,197	1,144	.....
IV.—SUSPENSE ACCOUNTS	.....	...	.....	.....	.....
Loss by Exchange	.....	...	.....	.....	.....
Grand Total ...	1,00,056	6,300	1,06,356	1,02,256	.....
V.—*Less*—Receipts on Capital Account	.....	...	.....	140	.....
Net Outlay ...	1,00,056	6,300	1,06,356	1,02,116	.....
APPORTIONMENT.					
Chargeable to 43.—Minor Works and Navigation ...	75,556	6,300	81,856	1,02,116	.....
Do. 33.—Famine Relief ...	24,500	...	24,500		
Total ...	1,00,056	6,300	1,06,356	1,02,116	.....

Outlay already incurred under 33.—Famine Relief and 43.—Minor Works—Works for which neither Capital nor Revenue Accounts are kept before the Project was sanctioned as Works for which Capital and Revenue accounts are kept has been brought on in previous column against the sanctioned provision.

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1915-1916.

43.—MINOR WORKS AND NAVIGATION.

FUTELAO TANK.

TANK PROJECT.

No. 3.—*Revenue Account for, and to end of,* 1915-1916.

Receipts.	Total.			Charges.	Total.		
	Previous.	1915-1916.	Total.		Previous.	1915-1916.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	...	...	...	1. Head Works ...	...	...	...
5. Plantations ...	...	...	...	2. Main Canals and Branches ..	...	...	...
6. Other Canal prooduce.	...	27	27	Total ...	...	...	...
10. Fines	...	...	...				
11. Miscellaneous Receipts	...	60	60	II.—MAINTENANCE AND REPAIRS.			
Total ...	....	87	87	1. Head Works ...	...	...	...
				2. Main Canals and Branches ...	...	...	...
II.—INDIRECT RECEIPTS.				Total ...	...	...	...
Irrigation share of Land Revenue collected in the Civil Department.	...	...	...	IV.—ESTABLISHMENT.			
				1 & 2. Direction and Accounts ...	...	...	...
Total, Receipts ...	...	87	87	3. Executive ...	...	...	...
				Total ...	...	...	...
				V.—TOOLS AND PLANT...	...	...	...
				Total ...	...	...	...
				Share of Collection Charges in the Civil Department ...	...	...	...
				Indirect Charges debitable to Revenue Account as per Account No. 5	...	...	...
				Total, Charges ...	...	...	...
				Balance Net Revenue ...	...	87	87
Grand Total ...	...	87	87	Grand Total ...	...	87	87

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1915-1916.

43.—MINOR WORKS AND NAVIGATION.

FUTELAO TANK.

TANK PROJECT.

No. 5.—Account of Indirect Charges for, end to end of, 1915-1916.

Particulars.	Previous.	1915-1916.	Total.
CAPITAL—	Rs.	Rs.	Rs.
1. Capitalized Abatement of Land Revenue	.....	.....	.....
2. Leave and Pension Allowances	.....	(*a*) 2,401	2,401
Total ...	.....	2,401	2,401

(*a*) Calculated on the total establishment charges to end of the year 1915-16.

No. 6.—Statement comparing Charges to date with Sanctioned Estimates.

Particulars.	Charges against closed Sanctions.			Current Sanctions.			Total charges to date against old and current Sanctions.	Remarks.
	Expenditure against construction Estimate.	Expenditure against open Capital Sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Works				88,009	84,722	—3,287	88,009	Government Resolution No. W.I.-6960, dated 18th June 1915.
Establishment				17,150	16,390	—760	17,150	
Tools and Plant				1,197	1,144	—53	1,197	
Total				1,06,356	1,02,256	—4,100	1,06,356	
Less—Receipts on Capital Account				...	140	140	....	
Net Total				1,06,356	1,02,116	—4,240	1,06,356	
INDIRECT CHARGES.								
Capitalized Abatement of Land Revenue				...	6,375	6,375	...	
Leave and Pension Allowances				2,401	2,294	—107	2,401	
Total				2,401	8,669	6,268	2,401	
Grand Total				1,08,757	1,10,785	2,028	1,08,757	

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1915-1916.

43.—MINOR WORKS AND NAVIGATION.

HARTA'LA TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1915-1916.

Receipts.	Total.			Charges.	Total.		
	Previous.	1915-1916.	Total.		Previous.	1915-1916.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
1. Water-rates from Irrigation	16,232	198	16,430	I.—EXTENSIONS AND IMPROVEMENTS.			
5. Plantations	6,210	11	6,251				
6. Other Canal produce.		30					
11. Miscellaneous Receipts.	15,948	268	16,216	1. Head Works ..	23	...	23
Total ...	38,390	507	38,897				
II.—INDIRECT RECEIPTS.							
Irrigation share of Land Revenue collected in the Civil Department...	...	...	...	II.—MAINTENANCE AND REPAIRS.			
Total, Receipts ..	38,390	507	38,897	1. Head Works ..	4,943	152	5,095
				3. Distributaries ...	1,342	...	1,342
				Total ...	6,285	152	6,437
				IV.—ESTABLISHMENT.			
				1 & 2. Direction and Accounts...	432	7	439
				3. Executive	5,772	173	5,945
				Total ...	6,204	180	6,384
				V.—TOOLS AND PLANT..	15	2	17
Carried over ..	38,390	507	38,897	Carried over ...	12,527	334	12,861

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1915-1916.

43.—MINOR WORKS AND NAVIGATION.

HARTA'LA TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1915-1916.

Receipts.	Total.			Charges.	Total.		
	Previous.	1915-1916.	Total.		Previous.	1915-1916.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
Brought forward ...	38,390	507	38,897	Brought forward ...	12,527	334	12,861
				VI.—REFUNDS OF REVENUE	2,957	...	2,957
				Total ...	15,484	334	15,818
				Share of Collection Charges in the Civil Department	1,537	23	1,560
				Indirect Charges debitable to Revenue Account as per Account No. 5	884	25	909
				Total, Charges ...	17,905	382	18,287
				Balance Net Revenue ...	20,485	125	20,610
Grand Total ...	38,390	507	38,897	Grand Total ...	38,390	507	38,897

N.B.—Last Capital Account detailed in the Administrative Accounts for 1883-87. Construction Estimate closed on 31st March 1887—*vide* Government Resolution No. 1411, dated 12th September 1893. Completion Report approved in Government Resolution No. 1224, dated 31st July 1894.

No. 5.—Account of Indirect Charges for, and to end of, 1915-1916.

Particulars.	Previous.	1915-1916.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
2. Leave and Pension Allowances	884	25	909

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1915-1916.

43.—MINOR WORKS AND NAVIGATION.

MHASVA TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1915-1916.

Receipts.	Total.			Charges.	Total.		
	Previous.	1915-1916.	Total.		Previous.	1915-1916.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	26,975	969	27,944				
3. Sales of water ...	14	...	14	1. Head Works ...	5,496	242	5,738
5. Plantations ...	8,455	103	8,664	2. Main Canals and Branches ..	2,094	...	2,094
6. Other canal produce.		106		3. Distributaries ...	586	...	586
9. Rents of Buildings.	154	...	154	Total ...	8,176	242	8,418
11. Miscellaneous Receipts ...	9,691	2,133	11,824	II.—MAINTENANCE AND REPAIRS.			
Total ...	45,289	3,311	48,600	1. Head Works ...	3,515	16	3,531
				2. Main Canals and Branches ...	1,404	744	2,148
II.—INDIRECT RECEIPTS				3. Distributaries ...	16,310	...	16,310
Irrigation share of Land Revenue collected in the Civil Department ...	...	...	...	Total ...	21,229	760	21,989
				IV.—ESTABLISHMENT.			
				1 & 2. Direction and Accounts ...	1,812	35	1,847
				3. Executive	21,797	564	22,361
Total, Receipts ...	45,289	3,311	48,600	Total ...	23,609	599	24,208
				V.—TOOLS AND PLANT...	1,052	12	1,064
				Profit and Loss ...	149	...	149
				VI.—REFUNDS OF REVENUE	212	...	212
				Total ...	54,427	1,613	56,040
				Share of Collection Charges in the Civil Department	1,376	48	1,424
				Indirect Charges debitable to Revenue Account as per Account No. 5	3,480	189	3,669
				Total, Charges ...	59,283	1,850	61,133
				Balance Net Revenue ...	—13,994	1,461	—12,533
Grand Total ...	45,289	3,311	48,600	Grand Total ...	45,289	3,311	48,600

N.B.—Last Capital Account detailed in the Administrative Accounts for 1893-94. Construction Estimate closed on 31st March 1887—*vide* Government Resolution No. 1411, dated 12th September 1893. Completion Report approved in Government Resolution No. 1224, dated 31st July 1894.

No. 5.—Account of Indirect Charges for, and to end of, 1915-1916.

Particulars.	Previous.	1915-1916.	Total.
REVENUE—	Rs.	Rs.	Rs.
1. Capitalized Abatement of Land Revenue	15	105	120
2. Leave and Pension Allowances	3,465	84	3,549
Total ...	3,480	189	3,669

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1915-1916.

43.—MINOR WORKS AND NAVIGATION.

JAMDA CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1915-1916.

Receipts.	Total.			Charges.	Total.		
	Previous.	1915-1916.	Total.		Previous.	1915-1916.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation	2,54,433	9,299	2,63,732	1. Head Works ...	1,449	...	1,449
3. Sales of water ...	208	...	208	2. Main Canals and Branches ...	13,839	2,548	16,387
5. Plantations	43,438	2,365	46,191	3. Distributaries ...	1,464	...	1,464
6. Other Canal produce.		388		Total ...	16,752	2,548	19,300
9. Rents of Buildings ...	2,002	29	2,031	II.—MAINTENANCE AND REPAIRS.			
10. Fines	103	...	103	1. Head Works ...	17,329	35	17,364
11. Miscellaneous Receipts	2,453	83	2,536	2. Main Canals and Branches ...	2,19,828	2,817	2,22,645
Total ...	3,02,637	12,164	3,14,801	3. Distributaries ...	14,984	...	14,984
II.—INDIRECT RECEIPTS.				Total ...	2,52,141	2,852	2,54,993
Irrigation share of Land Revenue collected in the Civil Department...	...	...	...	IV.—ESTABLISHMENT.			
				1 & 2. Direction and Accounts ...	19,401	239	19,640
				3. Executive	1,92,259	3,034	1,95,293
Total, Receipts ...	3,02,637	12,164	3,14,801	Total ...	2,11,660	3,273	2,14,933
				V.—TOOLS AND PLANT ...	5,169	79	5,248
				Profit and Loss ...	84	...	84
				VI.—REFUNDS OF REVENUE	1,065	...	1,065
				Total ...	4,86,871	8,752	4,95,623
				Share of Collection Charges in the Civil Department	12,657	465	13,122
				Indirect Charges debitable to Revenue Account as per Account No. 5	32,870	458	33,328
				Total, Charges ...	5,32,398	9,675	5,42,073
				Balance Net Revenue ...	-2,29,761	2,489	-2,27,272
Grand Total ...	3,02,637	12,164	3,14,801	Grand Total ...	3,02,637	121,64	3,14,801

N.B.—Last Captial Account detailed in the Administrative Accounts for 1914-15. Construction Estimate closed on 31st March 1902—*vide* Government Resolution No. 5163, dated 1st May 1915. Completion Report approved in Government Resolution No. 5163, dated 1st May 1915.

No. 5.—Account of Indirect Charges for, and to end of, 1915-1916.

Particulars.	Previous.	1915-16.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
1. Capitalized Abatement of Land Revenue	231	.....	231
2. Leave and Pension Allowances	32,639	458	33,097
Total ...	32,870	458	33,328

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1915-1916.

43.—MINOR WORKS AND NAVIGATION.

PARSUL TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1915-1916.

Receipts.	Total.			Charges.	Total.		
	Previous.	1915-1916.	Total.		Previous.	1915-1916.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				I.—EXTENSIONS AND IMPROVEMENTS.			
				1. Head Works ...	...	747	747
1. Water-rates from Irrigation ...	56,687	4,978	61,665	II.—MAINTENANCE AND REPAIRS.			
5. Plantations... ...	689	...	689	1. Head Works ...	4,879	200	5,079
6. Other canal produce.	608	230	838	2. Main Canals and Branches ...	...	76	76
9. Rents of buildings ...	1	...	1	3. Distributaries ...	3,737	140	3,877
10. Fines	22	...	22				
11. Miscellaneous Receipts	355	22	377				
				Total ...	8,616	416	9,032
Total ...	58,362	5,230	63,592	IV.—ESTABLISHMENT.			
				1 & 2. Direction and Accounts	768	49	817
				3. Executive	14,814	1,446	16,260
II.—INDIRECT RECEIPTS.							
				Total ...	15,582	1,495	17,077
Irrigation share of Land Revenue collected in the Civil Department...	...	...	...	V.—TOOLS AND PLANT ...	828	17	845
				VI.—REFUNDS OF REVENUE ...	151	26	177
Total, Receipts ...	58,362	5,230	63,592	Total ...	25,177	2,701	27,878
				Share of Collection Charges in the Civil Department	2,835	249	3,084
				Indirect Charges debitable to Revenue Account as per Account No. 5	2,181	209	2,390
				Total, Charges ...	30,193	3,159	33352
				Balance Net Revenue ...	28,169	2,071	30,240
Grand Total ...	58,362	5,230	63,592	Grand Total ...	58,362	5,230	63,592

N.B.—Last Capital Account detailed in the Administrative Accounts for 1897-98. Construction Estimate closed on 31st March 1896—*vide* Government Resolution No. 396, dated 14th March 1896. Completion Report approved in Government Resolution No. 241, dated 17th February 1896.

No. 5.—Account of Indirect Charges for, and to end of, 1915-1916.

Particulars.	Previous.	1915-1916.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
2. Leave and Pension Allowances	2,181	209	2,390

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1915-1916.

43.—MINOR WORKS AND NAVIGATION.

PRAVARA LEFT BANK CANALS.

CANAL PROJECT.

No. 3.—*Revenue Account for, and to end of,* 1915-1916.

Receipts.	Total. Previous.	1915-1916.	Total.	Charges.	Total. Previous.	1915-1916.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				I.—EXTENSIONS AND IMPROVEMENTS.			
1. Water-rates from Irrigation ...	2,66,284	27	2,66,311	1. Head Works ...	172	...	172
3. Sales of water...	29	...	29	2. Main Canals and Branches ...	4,644	...	4,644
5. Plantations ...	16,239	17	19,120	Total ...	4,816	...	4,816
6. Other canal produce ...		2,864		II.—MAINTENANCE AND REPAIRS.			
9. Rents of Buildings ...	685	144	829	1. Head Works ...	3,374	...	3,374
10. Fines ...	1,197	14	1,211	2. Main Canals and Branches ...	1,30,106	3,986	1,34,092
11. Miscellaneous Receipts ...	7,379	141	7,520	3. Distributaries ...	11,548	...	11,548
Total ...	2,91,813	3,207	2,95,020	Total ...	1,45,028	3,986	1,49,014
II.—INDIRECT RECEIPTS.				IV.—ESTABLISHMENT.			
Irrigation share of Land Revenue collected in the Civil Department ...	...	...	...	1 & 2. Direction and Accounts	10,187	155	10,342
				3. Executive	1,47,033	1,386	1,48,419
Enhanced Land Revenue as per Government Resolution No. 275, dated 17th July 1880 ...	2,736	76	2,812	Total ...	1,57,220	1,541	1,58,761
				V.—TOOLS AND PLANT ...	2,750	52	2,802
				VI.—REFUNDS OF REVENUE	1,042	...	1,042
Total ...	2,736	76	2,812	Total ...	3,10,856	5,579	3,16,435
				Share of Collection Charges in the Civil Department.	13,629	8	13,637
Total, Receipts ...	2,94,549	3,283	2,97,832				
				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	22,653	216	22,869
				Total, Charges ...	3,47,138	5,803	3,52,941
				Balance Net Revenue ...	—52,589	—2,520	—55,109
Grand Total ...	2,94,549	3,283	2,97,832	Grand Total ...	2,94,549	3,283	2,97,832

N.B.—Last Capital Account detailed in the Administrative Accounts for 1906-07. Construction Estimate closed on 31st March 1893—*vide* Government Resolution No. 1411, dated 12th September 1893. Completion Report approved in Government Resolution No. 1856, dated 9th December 1895.

No. 5.—*Account of Indirect Charges for, and to end of,* 1915-1916.

Particulars.	Previous.	1915-1916.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
1. Capitalized abatement of Land Revenue	6	...	6
2. Leave and Pension Allowances	22,647	216	22,863
Total ...	22,653	216	22,869

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1915-1916.

43.—MINOR WORKS AND NAVIGATION.

BHA'TODI TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1915-1916.

Receipts.	Total.			Charges.	Total.		
	Previous.	1915-1916.	Total.		Previous.	1915-1916.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				I.—EXTENSIONS AND IMPROVEMENTS.			
1. Water-rates from Irrigation ...	1,31,510	4,125	1,35,635	1. Head Works ...	194	576	770
3. Sales of water ...	4	...	4	2. Main Canals and Branches ...	1,252	...	1,252
5. Plantations ...	6,009	125	6,408	Total ...	1,446	576	2,022
6. Other canal produce ...		274		II.—MAINTENANCE AND REPAIRS.			
9. Rents of Buildings ...	148	3	151	1. Head Works ...	18,975	506	19,481
10. Fines ...	313	...	313	2. Main Canals and Branches ...	69,417	896	70,313
11. Miscellaneous Receipts ...	20,088	1,845	21,933	3. Distributaries ...	4,468	8	4,476
Total ...	1,58,072	6,372	1,64,444	Total ...	92,860	1,410	94,270
II.—INDIRECT RECEIPTS.				III.—COMPENSATION ...	9	...	9
				IV.—ESTABLISHMENT.			
Irrigation share of Land Revenue collected in the Civil Department ...	...	...	...	1 & 2. Direction and Accounts ...	5,866	89	5,955
Revenue on lands irrigated by percolation per Government Resolution No. 1757, dated 16th October 1891.	36,198	2,073	38,271	3. Executive ...	70,932	631	71,563
Increased Land Revenue per Government Resolution No. 203, dated 30th March 1878 ...	5,696	146	5,842	Total ...	76,798	720	77,518
Total ...	41,894	2,219	44,113	V.—TOOLS AND PLANT ...	1,422	30	1,452
				VI.—REFUNDS OF REVENUE.	1,127	112	1,239
Total, Receipts ...	1,99,966	8,591	2,08,557	Total ...	1,73,662	2,848	1,76,510
				Share of Collection Charges in the Civil Department...	10,680	414	11,094
				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	11,176	101	11,277
				Total, Charges ...	1,95,518	3,363	1,98,881
				Balance Net Revenue ...	4,448	5,228	9,676
Grand Total ...	1,99,966	8,591	2,08,557	Grand Total ...	1,99,966	8,591	2,08,557

N.B.—Last Capital Account detailed in the Administrative Accounts for 1891-92. Construction Estimate closed on 31st March 1892—*vide* Government Resolution No. 1411, dated 12th September 1893. Completion Report approved in Government Resolution No. 1797, dated 19th November 1894.

No. 5.—Account of Indirect Charges for, and to end of, 1915-1916.

Particulars.	Previous.	1915-1916.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
1. Capitalized abatement of Land Revenue	102	.....	102
2. Leave and Pension Allowances	11,074	101	11,175
Total ...	11,176	101	11,277

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1915-1916.

43.—MINOR WORKS AND NAVIGATION.

KA'SURDI TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1915-1916.

Receipts.	Total.			Charges.	Total.		
	Previous.	1915-1916.	Total.		Previous.	1915-1916.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				I.—EXTENSIONS AND IMPROVEMENTS.			
1. Water-rates from Irrigation ...	8,296	337	8,633	2. Main Canals and Branches ...	31	...	31
				3. Distributaries ...	...	80	80
3. Sales of water ...	20	...	20	Total ...	31	80	111
5. Plantations ...	2,448	...	2,504	II.—MAINTENANCE AND REPAIRS.			
6. Other canal produce ...		56					
11. Miscellaneous Receipts ...	6,757	130	6,887	1. Head Works ...	15,985	140	1,6125
				3. Distributaries ...	2,338	204	2,542
Total ...	17,521	523	18,044	Total ...	18,323	344	18,667
				IV.—ESTABLISHMENT.			
II.—INDIRECT RECEIPTS.				1 & 2. Direction and Accounts ...	1,464	19	1,483
				3. Executive ...	9,136	157	9,293
Irrigation share of Land Revenue collected in the Civil Department ...	...	...	...	Total ...	10,600	176	10,776
				V.—TOOLS AND PLANT ...	1,677	6	1,683
				Total ...	30,631	606	31,237
				Share of Collection Charges in the Civil Department.	413	17	430
Total, Receipts ...	17,521	523	18,044				
				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	1,610	25	1,635
				Total, Charges ...	32,654	648	33,302
				Balance Net Revenue ...	−15,133	−125	−15,258
Grand Total ...	17,521	523	18,044	Grand Total ...	17,521	523	18,044

N.B.—Last Capital Account detailed in the Administrative Accounts for 1877-78. Construction Estimate closed on 31st March 1878—*vide* Government Resolution No. 1411, dated 12th September 1893. Completion Report approved in Government Resolution No. 997, dated 21st June 1894.

No. 5.—Account of Indirect Charges for, and to end of, 1915-1916.

Particulars.	Previous.	1915-1916.	Total.
REVENUE—	Rs.	Rs.	Rs.
2. Leave and Pension Allowances	1,610	25	1,635

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1915-1916.

43.—MINOR WORKS AND NAVIGATION.

SHIRSUPHAL TANK.

TANK PROJECT.

No. 3.—*Revenue Account for, and to end of,* 1915-1916.

Receipts.	Total. Previous.	1915-1916.	Total.	Charges.	Total. Previous.	1915-1916.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				I.—EXTENSIONS AND IMPROVEMENTS.			
1. Water-rates from Irrigation ...	77,290	3,549	80,839	1. Head Works ...	606	...	606
3. Sales of water ...	3	...	3	2. Main Canals and Branches ...	...	...	...
5. Plantations ...	3,582	16	3,652	3. Distributaries ...	...	144	144
6. Other canal produce		54		Total ...	606	144	750
10. Fines	61	16	77	II.—MAINTENANCE AND REPAIRS.			
11. Miscellaneous Receipts	10,912	36	10,978	1. Head Works ...	10,088	394	10,482
Total ...	91,878	3,671	95,549	2. Main Canals and Branches ...	31,378	...	31,378
II.-INDIRECT RECEIPTS.				3. Distributaries ...	...	765	765
Irrigation share of Land Revenue collected in the Civil Department.	...	...	...	Total ...	41,466	1,159	42,625
Total, Receipts ...	91,878	3,671	95,549	IV.—ESTABLISHMENT.			
				1 & 2. Direction and Accounts ...	3,770	59	3,829
				3. Executive ...	31,594	480	32,074
				Total ...	35,364	539	35,903
				V.—TOOLS AND PLANT ...	1,983	20	2,003
				VI.—REFUNDS OF REVENUE	16	...	16
				Total ...	79,435	1,862	81,297
				Share of Collection Charges in the Civil Department	3,868	178	4,046
				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	4,994	75	5,069
				Total, Charges ...	88,297	2,115	90,412
				Balance Net Revenue ...	3,581	1,556	5,137
Grand Total ...	91,878	3,671	95,549	Grand Total ...	91,878	3,671	95,549

N.B.—Last Capital Account detailed in the Administrative Accounts for 1895-96. Construction Estimate closed on 31st October 1893. Completion Report approved in Government Resolution No. 328, dated 22nd February 1894.

No. 5.—*Account of Indirect Charges for, and to end of,* 1915-1916.

Particulars.	Previous.	1915-1916.	Total.
REVENUE—	Rs.	Rs.	Rs.
2. Leave and Pension Allowances	4,994	75	5,069

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1915-1916.

43.—MINOR WORKS AND NAVIGATION.

BHÁDALVÁDI TANK.

TANK PROJECT.

No. 3.—*Revenue Account for, and to end of,* 1915-1916.

Receipts.	Total. Previous.	1915-1916.	Total.	Charges.	Total. Previous.	1915-1916.	Total.
	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				1. Head Works ...	643	...	643
1. Water-rates from Irrigation ...	94,270	6,062	1,00,332	3. Distributaries ...	91	67	158
3. Sales of water ...	18	...	18	Total ...	734	67	801
5. Plantations ...	4,460	...	4,541	II.—MAINTENANCE AND REPAIRS.			
6. Other canal produce		81		1. Head Works ...	6,321	428	6,749
11. Miscellaneous Receipts	1,845	7	1,852	2. Main Canals and Branches ...	160	176	336
				3. Distributaries ...	29,447	966	30,413
Total ...	1,00,593	6,150	1,06,743	Total ..	35,928	1,570	37,498
				IV.—ESTABLISHMENT.			
II.—INDIRECT RECEIPTS.				1 & 2. Direction and Accounts... ...	2,966	74	3,040
				3. Executive	27,673	658	28,331
Irrigation share of Land Revenue collected in the Civil Department.	...	...	...	Total ...	30,639	732	31,371
				V.—TOOLS AND PLANT ...	1,793	25	1,818
Total, Receipts ...	1,00,593	6,150	1,06,743	VI.—REFUNDS OF REVENUE	46	...	46
				Total ...	69,140	2,394	71,534
				Share of Collection Charges in the Civil Department	4,711	303	5,014
				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	4,294	102	4,396
				Total, Charges ...	78,145	2,799	80,944
				Balance Net Revenue ...	22,448	3,351	25,799
Grand Total ...	1,00,593	6,150	1,06,743	Grand Total ...	1,00,593	6,150	1,06,743

N.B.—Last Capital Account detailed in the Administrative Accounts for 1895-96. Construction Estimate closed on 31st March 1891—*vide* Government Resolution No. 1411, dated 12th September 1893. Completion Report approved in Government Resolution No. 827, dated 17th May 1894.

No. 5.—*Account of Indirect Charges for, and to end of,* 1915-1916.

Particulars.	Previous.	1915-1916.	Total.
REVENUE—	Rs.	Rs.	Rs.
2. Leave and Pension Allowances	4,294	102	4,396

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1915-1916.

43.—MINOR WORKS AND NAVIGATION.

VICTORIA TANK.

TANK PROJECT.

No. 2.—Capital Account for, and to end of, 1915-1916.

Heads of Account.	Direct Charges.			Cost of Construction as now estimated.	Expenditure against closed estimates.
	Previous.	1915-1916.	Total.		
	Rs.	Rs.	Rs.	Rs.	Rs.
I.—WORKS.					
(1)—*Head Works.*					
A. Preliminary Expenses	...	...	...	600	...
B. Land	4,052	...	4,052	13,200	...
C. Masonry Works	...	...	...	60,033	...
K. Buildings	...	...	...	1,000	...
L. Earth-work	40,743	...	40,743	2,72,099	...
P. Maintenance	545	20	565	712	...
Total, Head Works ...	45,340	20	45,360	3,47,644	...
(2)—*Main Canals and Branches.*					
A. Preliminary Expenses	...	...	...	200	...
B. Land	...	...	...	80	...
C. Masonry Works	...	...	...	4,500	...
K. Buildings	...	...	...	200	...
L. Earth-work	...	...	...	1,420	...
Total, Main Canals and Branches ...	...	...	...	6,400	...
Total, I.—Works ...	45,340	20	45,360	3,54,044	...
II.—ESTABLISHMENT.					
1 & 2. Direction and Accounts	2,057	1	2,058	17,038	...
3. Executive	7,404	3	7,407	61,337	...
Total, II.—Establishment ...	9,461	4	9,465	78,375	...
III.—Tools and Plant	543	...	543	5,111	...
Grand Total ...	55,344	24	55,368	4,37,530	...
V.—*Less*—Receipts on Capital Account ...	580	121	701	...	...
Net Outlay ...	54,764	—97	54,667	4,37,530	...
APPORTIONMENT.					
Chargeable to 43.—Minor Works and Navigation ...	10,060	—97	9,963	4,37,530	...
Do. 33.—Famine Relief ...	44,704	...	44,704		
Total ...	54,764	—97	54,667	4,37,530	...

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1915-1916.

43.—MINOR WORKS AND NAVIGATION.

VICTORIA TANK.

TANK PROJECT.

No. 5.—Account of Indirect Charges for, and to end of, 1915-1916.

Particulars.	Previous.	1915-1916.	Total.
	Rs.	Rs.	Rs.
CAPITAL—			
1. Capitalized abatement of Land Revenue	2,463	.....	2,463
2. Leave and Pension Allowances	1,325	1	1,326
Total ...	3,788	1	3,789

No. 6.—Statement comparing Charges to date with Sanctioned Estimates.

Particulars.	Charges against closed Sanctions.			Current Sanctions.			Total charges to date against old and current Sanctions.	Remarks.
	Expenditure against construction Estimate.	Expenditure against open Capital Sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Works ...	...	...	...	45,360	3,54,044	3,08,684	45,360	Government of India's No. 449-I of 22nd March 1905—*vide* Government Resolution No. 1218 of 6th May 1905.
Establishment ...	...	...	...	9,465	78,375	68,910	9,465	
Tools and Plant ...	...	...	...	543	5,111	4,568	543	
Total ...	...	...	...	55,368	4,37,530	3,82,162	55,368	
Less—Receipts on Capital Account ...	...	...	...	701	...	—701	701	
Net Total ...	...	...	...	54,667	4,37,530	3,82,863	54,667	
INDIRECT CHARGES.								
Capitalized abatement of Land Revenue ...	...	...	...	2,463	12,500	10,037	2,463	
Leave and Pension Allowances	...	...	...	1,326	10,973	9,647	1,326	
Total ...	...	...	...	3,789	23,473	19,684	3,789	
Grand Total ...	...	...	...	58,456	4,61,003	4,02,547	58,456	

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1915-1916.

43.—MINOR WORKS AND NAVIGATION.

KOREGAON TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1915-1916.

Receipts.	Total.			Charges.	Total.		
	Previous.	1915-1916.	Total.		Previous.	1915-1916.	Total.
	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				1. Head Works ...	2,087	...	2,087
1. Water-rates from Irrigation ...	27,164	2,814	29,978	2. Main Canals and Branches	285	...	285
5. Plantations ...	1,470	...	1,512	Total ...	2,372	...	2,372
6. Other canal produce		42		II.—MAINTENANCE AND REPAIRS.			
11. Miscellaneous Receipts	224	...	224	1. Head Works ...	7,795	186	7,981
Total ...	28,858	2,856	31,714	2. Main Canals and Branches ...	982	-1	981
				3. Distributaries ...	7,529	202	7,731
II.—INDIRECT RECEIPTS.				Total ...	16,306	387	16,693
				IV.—ESTABLISHMENT.			
Irrigation share of Land Revenue collected in the Civil Department.	*3,089	...	3,089	1 & 2. Direction and Accounts	1,214	18	1,232
				3. Executive	13,321	355	13,676
				Total ...	14,535	373	14,908
				V.—TOOLS AND PLANT ...	469	6	475
				VI.—REFUNDS OF REVENUE ...	18	...	18
				Total ...	33,700	766	34,466
Total ...	3,089	...	3,089				
				Share of Collection Charges in the Civil Department	1,708	141	1,849
Total, Receipts ...	31,947	2,856	34,803				
				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	2,037	52	2,089
				Total, Charges ...	37,445	959	38,404
				Balance Net Revenue ...	—5,498	1,897	—3,601
Grand Total ...	31,947	2,856	34,803	Grand Total ...	31,947	2,856	34,803

* This amount is to end of January 1879, after which the revenue is credited as direct water-rates.

N.B.—Last Capital Account detailed in the Administrative Accounts for 1890-91. Construction Estimate closed on 31st March 1892—*vide* Government Resolution No. 1411, dated 12th September 1893. Completion Report approved in Government Resolution No. 654, dated 11th April 1894.

No. 5.—Account of Indirect Charges for, and to end of, 1915-1916.

Particulars.	Previous.	1915-1916.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
2. Leave and Pension Allowances	2,037	52	2,089

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1915-1916.

43.—MINOR WORKS AND NAVIGATION.

ASHTI TANK.

TANK PROJECT.

No. 3.—*Revenue Account for, and to end of,* 1915-1916.

Receipts.	Total. Previous.	1915-1916.	Total.	Charges.	Total. Previous.	1915-1916.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS..				I.—EXTENSIONS AND IMPROVEMENTS.			
1. Water-rates from Irrigation ...	2,02,957	17,241 (a)129	2,20,327	1. Head Works ...	39,902	...	39,902
				2 Main Canals and Branches ...	1,985	...	1,985
				3. Distributaries ...	2,234	...	2,234
3. Sales of water ...	291	...	291	Total ...	44,121	...	44,121
5. Plantations ...	38,270	91	39,551	II.—MAINTENANCE AND REPAIRS.			
6. Other canal produce		1,190		1. Head Works ...	36,160	1,316	37,476
9. Rents of Buildings.	469	18	487	2. Main Canals and Branches ...	58,065	1,699	59,764
10. Fines	25	...	25	3. Distributaries ...	4,788	57	4,845
11. Miscellaneous Receipts	8,506	94	8,600	Total ...	99,013	3,072	1,02,085
Total ...	2,50,518	18,763	2,69,281	III.—COMPENSATION ...	15	...	15
				IV.—ESTABLISHMENT.			
				1 & 2. Direction and Accounts ...	11,425	138	11,563
II.—INDIRECT RECEIPTS				3. Executive	66,067	2,430	68,497
Irrigation share of Land Revenue collected in the Civil Department.	...	...	...	Allowance for Collection of Revenue	182	...	182
				Total ...	77,674	2,568	80,242
				V.—TOOLS AND PLANT .	2,771	46	2,817
				VI.—REFUNDS OF REVENUE	973	...	973
Total, Receipts ...	2,50,518	18,763	2,69,281	Total ...	2,24,567	5,686	2,30,253
				Share of Collection Charges in the Civil Department	9,478	770 (a)129	10,377
				Indirect Charges debitable to Revenue Account as per Account No. 5	10,935	467	11,402
				Total, Charges ...	2,44,980	7,052	2,52,032
				Balance Net Revenue ...	5,538	11,711	17,249
Grand Total ...	2,50,518	18,763	2,69,281	Grand Total ...	2,50,518	18,763	2,69,281

(a) Amount adjusted by credit to water-rates and debit per contra on account of collection charges for the revenue realized by the Miraj State.

N.B.—Last Capital Account detailed in the Administrative Accounts for 1901-02. Construction Estimate closed on 31st March 1893 —*vide* Government Resolution No. 1411, dated 12th September 1893. Completion Report approved in Government Resolution No. 490, dated 15th March 1894.

No. 5.—*Account of Indirect Charges for, and to end of,* 1915-1916.

Particulars.	Previous.	1915-1916.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
1. Capitalized Abatement of Land Revenue	.....	107	107
2. Leave and Pension Allowances	10,935	360	11,295
Total ...	10,935	467	11,402

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1915-1916.

43.—MINOR WORKS AND NAVIGATION.

PATHRI TANK.

TANK PROJECT.

No. 2.—Capital Account for, and to end of, 1915-1916.

Heads of Account.	Direct Charges.			Cost of construction as now estimated. (Construction estimate closed on 31st March 1909.)	Expenditure against closed estimates.
	Previous.	1915-1916.	Total.		
	Rs.	Rs.	Rs.	Rs.	Rs.
I.—WORKS.					
(1)—*Head Works.*					
A. Preliminary Expenses ...	535	...	535	535	535
B. Land	82,232	...	82,232	82,232	82,232
C. Masonry Works ...	66,695	...	66,695	66,695	66,695
K. Buildings ...	3,155	...	3,155	3,155	3,155
L. Earth-work	3,15,170	...	3,15,170	3,15,170	3,15,170
P. Maintenance	1,501	...	1,501	1,501	1,501
Total, Head Works ...	4,69,288	...	4,69,288	4,69,288	4,69,288
(2)—*Main Canals and Branches.*					
A. Preliminary Expenses ...	3,205	...	3,205	3,205	3,205
B. Land	1,160	...	1,160	1,160	1,160
C. Masonry Works	11,668	...	11,668	11,668	11,668
K. Buildings	921	...	921	921	921
L. Earthwork	26,898	...	26,898	26,898	26,898
M. Plantations	602	...	602	602	602
O. Miscellaneous	301	...	301	301	301
Total, Main Canals and Branches ...	44,755	...	44,755	44,755	44,755
Carried over ...	5,14,043	...	5,14,043	5,14,043	5,14,043

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1915-1916.

43.—MINOR WORKS AND NAVIGATION.

PATHRI TANK.

TANK PROJECT.

No. 2.—*Capital Account for, and to end of,* 1915-1916.

Heads of Account.	Direct Charges.			Cost of construction as now estimated. (Construction estimate closed on 31st March 1909.)	Expenditure against closed estimates.
	Previous.	1915-1916.	Total.		
	Rs.	Rs.	Rs.	Rs.	Rs.
Brought forward ...	5,14,043	...	5,14,043	5,14,043	5,14,043
(3)—*Distributaries.*					
C. Masonry Works	2,219	...	2,219	2,219	2,210
L. Earth-work	3,228	...	3,228	3,228	3,228
O. Miscllaneous	2,293	...	2,293	2,293	2,293
Total, Distributaries ...	7,740	...	7,740	7,740	7,740
Total, I.—Works ...	5,21,783	...	5,21,783	5,21,783	5,21,783
II.—ESTABLISHMENT.					
1 & 2. Direction and Accounts ...	21,880	...	21,880	21,880	21,880
3. Executive	78,555	...	78,555	78,555	78,555
Total, II.—Establishment ...	1,00,435	...	1,00,435	1,00,435	1,00,435
III.—TOOLS AND PLANT ...	7,403	...	7,403	7,403	7,403
Grand Total ...	6,29,621	...	6,29,621	6,29,621	6,29,621
V.—*Less*—Receipts on Capital Account	1,796	...	1,796	1,796	1,796
Net Outlay ...	6,27,825	...	6,27,825	6,27,825	6,27,825
APPORTIONMENT.					
Chargeable to 43—Minor Works and Navigation	2,32,595	...	2,32,595	2,32,595	2,32,595
Chargeable to 33—Famine Relief ...	3,95,230	...	3,95,230	3,95,230	3,95,230
Total ...	6,27,825	...	6,27,825	6,27,825	6,27,825

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1915-1916.

43.—MINOR WORKS AND NAVIGATION.

PA'THRI TANK.

TANK PROJECT.

No. 3.—*Revenue Account for, and to end of,* 1915-1916.

Receipts.	Total. Previous.	1915-1916.	Total.	Charges.	Total. Previous.	1915-1916.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				I.—EXTENSIONS AND IMPROVEMENTS.			
1. Water-rates from Irrigation ...	33,180	7,316	40,493	1. Head Works ...	20	679	699
3. Sales of water ...	456	19	475	2. Main Canals and Branches ...	452	...	452
				Total ...	472	679	1,151
5. Plantations ...	28	11	39				
				II.—MAINTENANCE AND REPAIRS.			
6. Other canal produce	1,085	150	1,235	1. Head Works ...	3,880	722	4,602
9. Rents of Buildings .	1	...	1	2. Main Canals and Branches ...	3,868	560	4,428
11. Miscellaneous Receipts ...	265	80	345	3. Distributaries ...	698	209	907
				Total ...	8,446	1,491	9,937
Total ...	35,015	7,576	42,591				
				IV.—ESTABLISHMENT.			
				1 & 2. Direction and Accounts ...	413	91	504
				3. Executive ...	4,159	696	4,855
				Total ...	4,572	787	5,359
II.—INDIRECT RECEIPTS.							
				V.—TOOLS AND PLANT ...	824	29	853
Irrigation share of Land Revenue collected in the Civil Department.	...	...	...	Suspense Account ..	—46	...	—46
				Total ...	14,268	2,986	17,254
				Share of Collection Charges in the Civil Department	1,660	366	2,026
Total, Receipts ...	35,015	7,576	42,591	Indirect Charges debitable to Revenue Account as per Account No. 5	640	110	750
				Total, Charges ...	16,568	3,462	20,030
				Balance Net Revenue ...	18,447	4,114	22,561
Grand Total ...	35,015	7,576	42,591	Grand Total ...	35,015	7,576	42,591

N.B.—Construction Estimate closed on 31st March 1909—*vide* Government Resolution No. 1654, dated 6th July 1902.
Completion Report approved in Government Resolution No. 2452, dated 22nd November 1910.

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1915-1916.

43.—MINOR WORKS AND NAVIGATION.

PA'THRI TANK.

TANK PROJECT.

No. 5.—Account of Indirect Charges for, and to end of, 1915-1916.

Particulars.	Previous.	1915-1916.	Total.
CAPITAL—	Rs.	Rs.	Rs.
1. Capitalized Abatement of Land Revenue	945	15	960
2. Leave and Pension Allowances	14,061	.....	14,061
Total ...	15,006	15	15,021
REVENUE—			
2. Leave and Pension Allowances	640	110	750

No. 6.—Statement comparing Charges to date with Sanctioned Estimates.

Particulars.	Charges against closed Sanctions.			Current Sanctions.			Total charges to date against old and current Sanctions.	Remarks.
	Expenditure against construction Estimate.	Expenditure against open Capital Sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Works	4,78,622	43,161	5,21,783	...	...	...	5,21,783	
Establishment ...	90,949	9,486	1,00,435	...	...	...	1,00,435	
Tools and Plant ...	6,768	635	7,403	...	...	...	7,403	
Total ...	5,76,339	53,282	6,29,621	...	...	...	6,29,621	
Less—Receipts on Capital Account...	1,796	...	1,796	...	...	...	1,796	
Net Total ...	5,74,543	53,282	6,27,825	...	...	...	6,27,825	
INDIRECT CHARGES.								
Capitalized abatement of Land Revenue ...	104	856	960	...	...	...	960	
Leave and Pension Allowances ...	12,733	1,328	14,061	...	...	...	14,061	
Total ...	12,837	2,184	15,021	...	...	...	15,021	
Grand Total ...	5,87,380	55,466	6,42,846	...	...	...	6,42,846	

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1915-1916.

43.—MINOR WORKS AND NAVIGATION.

REVA'RI CANAL.

CANAL PROJECT.

No. 3.—*Revenue Account for, and to end of,* 1915-1916.

Receipts.	Total.			Charges.	Total.		
	Previous.	1915-1916.	Total.		Previous.	1915-1916.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				I.—EXTENSIONS AND IMPROVEMENTS.			
				1. Head Works ...	510	...	510
1. Water-rates from Irrigation ...	1,71,496	6,806	1,78,302	2. Main Canals and Branches ...	1,117	...	1,117
				Total ...	1,627	...	1,627
3. Sales of water ...	11	...	11				
				II.—MAINTENANCE AND REPAIRS.			
5. Plantations ...	4,670	...	4,746	1. Head Works ...	1,514	10	1,524
6. Other canal produce		76		2. Main Canals and Branches ...	51,986	1,013	52,999
				3. Distributaries ...	270	...	270
9. Rents of Buildings	744	33	777	Total ...	53,770	1,023	54,793
11. Miscellaneous Receipts ...	4	...	4	IV.—ESTABLISHMENT.			
				1 & 2. Direction and Accounts ...	2,335	46	2,381
				3. Executive ...	34,878	512	35,390
Total ...	1,76,925	6,915	1,83,840	Total ...	37,213	558	37,771
				V.—TOOLS AND PLANT ...	1,727	15	1,742
II.—INDIRECT RECEIPTS.							
				VI.—REFUNDS OF REVENUE	19	...	19
Irrigation share of Land Revenue collected in the Civil Department	...	...	...	Total ...	94,356	1,596	95,952
				Share of Collection Charges in the Civil Department	8,535	340	8,875
Total, Receipts ...	1,76,925	6,915	1,83,840				
				Indirect Charges debitable to Revenue Account as per Account No. 5	6,274	78	6,352
				Total, Charges ...	1,09,165	2,014	1,11,179
				Balance Net Revenue ...	67,760	4,901	72,661
Grand Total ...	1,76,925	6,915	1,83,840	Grand Total ...	1,76,925	6,915	1,83,840

N.B.—Last Capital Account detailed in the Administrative Accounts for 1895-96. Construction Estimate closed on 31st March 1893 —*vide* Government Resolution No. 1411, dated 12th September 1893. Completion Report approved in Government Resolution No. 489, dated 15th March 1895.

No. 5.—*Account of Indirect Charges for, and to end of,* 1915-1916.

Particulars.	Previous.	1915-1916.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
2. Leave and Pension Allowances	6,274	78	6,352

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1915-1916.

43.—MINOR WORKS AND NAVIGATION.

Upper Man River Works.

Tank Project.

No. 3.—Revenue Account for, and to end of, 1915-1916.

Receipts.	Total. Previous.	1915-1916.	Total.	Charges.	Total. Previous.	1915-1916.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—Direct Receipts.				I.—Extensions and Improvements.			
1. Water-rates from Irrigation ...	1,32,133	4,171	1,36,304	1. Head Works ...	20,355	...	20,355
3. Sales of water ...	6	...	6	3. Distributaries ...	170	...	170
5. Plantations ...	6,748	...	6,913	Total ...	20,525	...	20,525
6. Other canal produce.		165		II.—Maintenance and Repairs.			
9. Rents of Buildings...	897	35	932	1. Head Works ...	14,870	345	15,215
10. Fines	3	...	3	2. Main Canals and Branches ...	1,859	47	1,906
11. Miscellaneous Receipts ...	252	...	252	3. Distributaries ...	68,360	544	68,904
Total ...	1,40,039	4,371	1,44,410	Total ...	85,089	936	86,025
				III.—Compensation ...	1	...	1
II.—Indirect Receipts.				IV.—Establishment.			
Irrigation share of Land Revenue collected in the Civil Department	...	...	...	1 & 2. Direction and Accounts... ...	4,916	42	4,958
				3. Executive	44,879	649	45,528
				Total ...	49,795	691	50,486
				V.—Tools and Plant ...	3,043	14	3,057
Total, Receipts ...	1,40,039	4,371	1,44,410	VI.—Refunds of Revenue	167	...	167
				Total ...	1,58,620	1,641	1,60,261
				Share of Collection Charges in the Civil Department	6,598	208	6,806
				Indirect Charges debitable to Revenue Account as per Account No. 5...	7,548	97	7,645
				Total, Charges ...	1,72,766	1,946	1,74,712
				Balance Net Revenue ...	—32,727	2,425	—30,302
Grand Total ...	1,40,039	4,371	1,44,410	Grand Total ...	1,40,039	4,371	1,44,410

N.B.—Last Capital Account detailed in the Administrative Accounts for 1900-01. Construction Estimate closed on 31st March 1892 —*vide* Government Resolution No. 1411, dated 12th September 1893. Completion Report approved in Government Resolution No. 815, dated 22nd May 1895.

No. 5.—Account of Indirect Charges for, and to end of, 1915-1916.

Particulars.	Previous.	1915-1916.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
1. Capitalized Abatement of Land Revenue.	24	.....	24
2. Leave and Pension Allowances	7,524	97	7,621
Total ...	7,548	97	7,645

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1915-1916.

43.—MINOR WORKS AND NAVIGATION.

YERLA RIVER IRRIGATION WORKS.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1915-1916.

Receipts.	Total.			Charges.	Total.		
	Previous.	1915-1916.	Total.		Previous.	1915-1916.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	3,56,108	19,611	3,75,719	1. Head Works ...	47,369	...	47,369
3. Sales of water ...	23	...	23	2. Main Canals and Branches	965	...	965
5. Plantations ...	21,992	...	23,865	Total ...	48,334	...	48,334
6. Other canal produce		1,873		II.—MAINTENANCE AND REPAIRS.			
9. Rents of Buildings.	934	...	934	1. Head Works ...	32,756	4,948	37,704
10. Fines	20	...	20	2. Main Canals and Branches	1,06,252	2,843	1,09,095
11. Miscellaneous Receipts	1,774	2	1,776	3. Distributaries ...	20,764	1,112	21,876
Total ...	3,80,851	21,486	4,02,337	Total ...	1,59,772	8,903	1,68,675
II.—INDIRECT RECEIPTS.				IV.—ESTABLISHMENT.			
Irrigation share of Land Revenue collected in the Civil Department	...	...	...	1 & 2. Direction and Accounts ...	9,414	401	9,815
				3. Executive ...	86,556	2,512	89,068
				Total ...	95,970	2,913	98,883
Total, Receipts ...	3,80,851	21,486	4,02,337	V.—TOOLS AND PLANT ...	3,592	134	3,726
				VI.—REFUNDS OF REVENUE	57	...	57
				Total ...	3,07,725	11,950	3,19,675
				Share of Collection Charges in the Civil Department	17,799	981	18,780
				Indirect Charges debitable to Revenue Account as per Account No. 5	14,640	408	15,048
				Total, Charges ...	3,40,164	13,339	3,53,503
				Balance Net Revenue ...	40,687	8,147	48,834
Grand Total ...	3,80,851	21,486	4,02,337	Grand Total ...	3,80,851	21,486	4,02,337

N.B.—Last Capital Account detailed in the Administrative Accounts for 1907-08. Construction Estimate closed on 31st March 1896 —*vide* Government Resolution No. 666, dated 12th May 1896. Completion Report approved in Government Resolution No. 1419, dated 8th October 1897.

No. 5.—Account of Indirect Charges for, and to end of, 1915-1916.

Particulars.	Previous.	1915-1916.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
2. Leave and Pension Allowances	14,640	408	15,048

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1915-1916.

43.—MINOR WORKS AND NAVIGATION.

CHIKHLI CANAL.

TANK: PROJECT.

No. 3.—*Revenue Account for, and to end of,* 1915-1916.

Receipts.	Total. Previous.	1915-1916.	Total.	Charges.	Total. Previous.	1915-1916.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				I.—EXTENSIONS AND IMPROVEMENTS.			
1. Water-rates from Irrigation ...	56,900	2,560	59,460	1. Head Works ...	968	...	968
3. Sales of water ...	1	...	1	2. Main Canals and Branches... ...	553	...	553
5. Plantations ...	4,130	...	4,293	Total ...	1,521	...	1,521
6. Other canal produce		163					
9. Rents of buildings.	50	...	50				
11. Miscellaneous Receipts	80	...	80	II.—MAINTENANCE AND REPAIRS.			
				1. Head Works ...	1,166	...	1,166
Total ...	61,161	2,723	63,884	2. Main Canals and Branches... ...	30,376	464	30,840
II.—INDIRECT RECEIPTS.				Total ...	31,542	464	32,006
Irrigation share of Land Revenue collected in the Civil Department ...	...	...	...	IV.—ESTABLISHMENT.			
				1 & 2. Direction and Accounts ...	1,504	21	1,525
				3. Executive ...	18,938	204	19,142
Total, Receipts ...	61,161	2,723	63,884	Total ...	20,442	225	20,667
				V.—TOOLS AND PLANT ...	451	7	458
				VI.—REFUNDS OF REVENUE	138	6	144
				Total ...	54,091	702	54,796
				Share of Collection Charges in the Civil Department	2,849	128	2,977
				Indirect Charges debitable to Revenue Account as per Account No. 5	3,407	31	3,438
				Total, Charges ...	60,350	861	61,211
				Balance Net Revenue ...	811	1,862	2,673
Grand Total ...	61,161	2,723	63,884	Grand Total ...	61,161	2,723	63,884

N. B.—Last Capital Account detailed in the Administrative Accounts for 1882-83. Construction Estimate closed on 31st March 1883—*vide* Government Resolution No. 1411, dated 12th September 1893. Completion Report approved in Government Resolution No. 489, dated 15th March 1895.

No. 5.—*Account of Indirect Charges for, and to end of,* 1915-1916.

Particulars.	Previous.	1915-1916.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
2. Leave and Pension Allowances ...	3,407	31	3,438

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1915-1916.

43.—MINOR WORKS AND NAVIGATION.

MAINI TANK.

TANK PROJECT.

No. 3.—*Revenue Account for, and to end of,* 1915-1916.

Receipts.	Total. Previous.	1915-1916.	Total.	Charges.	Total. Previous.	1915-1916.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	2,00,594	7,847	2,08 441	1. Head Works ...	16,811	...	16,811
5. Plantations ...	6,739	...	6,817	3. Distributaries ...	123	...	123
6. Other canal produce		78		Total ...	16,934	...	16,934
9. Rents of Buildings	319	...	319	II.—MAINTENANCE AND REPAIRS.			
10. Fines	54	...	54	1. Head Works ...	12,274	359	12,633
11. Miscellaneous Receipts	102	...	102	2. Main Canals and Branches ...	136	...	136
				3. Distributaries ...	61,362	1,021	62,383
Total ...	2,07,808	7,925	2,15,733	Total ...	73,772	1,380	75,152
II.—INDIRECT RECEIPTS.				IV.—ESTABLISHMENT.			
				1 & 2. Direction and Accounts ...	3,741	62	3,803
				3. Executive ...	40,861	836	41,697
Irrigation share of Land Revenue collected in the Civil Department.	...	...	...	Total ...	44,602	898	45,500
				V.—TOOLS AND PLANT...	2,223	21	2,244
				VI.—REFUNDS OF REVENUE	60	...	60
Total, Receipts ...	2,07,808	7,925	2,15,733	Total ...	1,37,591	2,299	1,39,890
				Share of Collection Charges in the Civil Department	10,035	392	10,427
				Indirect Charges debitable to Revenue Account as per Account No. 5	6,905	126	7,031
				Total, Charges ...	1,54,531	2,817	1,57,348
				Balance Net Revenue ...	53,277	5,108	58,385
Grand Total ...	2,07,808	7,925	2,15,733	Grand Total ...	2,07,808	7,925	2,15,733

N.B.—Last Capital Account detailed in the Administrative Accounts for 1906-1907. Construction Estimate closed on 31st March 1892 —*vide* Government Resolution No. 1411, dated 12th September 1893. Completion Report approved in Government Resolution No. 815, dated 22nd May 1895.

No. 5.—*Account of Indirect Charges for, and to end of,* 1915-1916.

Particulars.	Previous.	1915-1916.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
1. Capitalized Abatement of Land Revenue ...	288	.....	288
2. Leave and Pension Allowances ...	6,617	126	6,743
Total ...	6,905	126	7,031

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1915-1916.

43.—MINOR WORKS AND NAVIGATION.

MUCHKUNDI TANK.

TANK PROJECT.

No. 3.—*Revenue Account for, and to end of,* 1915-1916.

Receipts.	Total. Previous.	1915-1916.	Total.	Charges.	Total. Previous.	1915-1916.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				I.—EXTENSIONS AND IMPROVEMENTS.			
1. Water-rates from Irrigation ...	1,855	...	1,855	1. Head Works ...	410	...	410
3. Sales of Water ...	330	...	330	2. Main Canals and Branches ...	487	...	487
5. Plantations ...	12,362	...	12,370	Total ...	897	...	897
6. Other canal produce ...		8					
10. Fines ...	1	...	1	II.—MAINTENANCE AND REPAIRS.			
11. Miscellaneous Receipts ...	271	1,500	1,771	1. Head Works ...	4,865	120	4,985
				2. Main Canals and Branches ...	3,344	...	3,344
Total ...	14,819	1,508	16,327	Total ...	8,209	120	8,329
II.—INDIRECT RECEIPTS.				IV.—ESTABLISHMENT.			
				1 & 2. Direction and Accounts ...	382	4	386
Irrigation share of Land Revenue collected in the Civil Department ...	...	...	...	3. Executive ...	2,810	167	2,977
				Total ...	3,192	171	3,363
Total, Receipts	14,819	1,508	16,327	V.—TOOLS AND PLANT...	102	1	103
				Total ...	12,400	292	12,692
				Share of Collection Charges in the Civil Department ...	114	...	114
				Indirect Charges debitable to Revenue Account as per Account No. 5	445	24	469
				Total, Charges ...	12,959	316	13,275
				Balance Net Revenue ...	1,860	1,192	3,052
Grand Total ...	14,819	1,508	16,327	Grand Total ...	14,819	1,508	16,327

N.B.—Last Capital Account detailed in the Administrative Accounts for 1890-1891. Construction Estimate closed on 31st March 1891—*vide* Government Resolution No. 1411, dated 12th September 1893. Completion Report approved in Government Resolution No. 662, dated 12th April 1894.

No. 5.—*Account of Indirect Charges for, and to end of,* 1915-1916.

Particulars.	Previous.	1915-1916.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
2. Leave and Pension Allowances	445	24	469

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1915-1916.

43.—MINOR WORKS AND NAVIGATION.

GADIKERI TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1915-1916.

Receipts.	Total.			Charges.	Total.		
	Previous.	1915-1916.	Total.		Previous.	1915-1916.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.							
				I.—EXTENSIONS AND IMPROVEMENTS ...	...	...	...
1. Water-rates from Irrigation ...	8,959	...	8,959				
5. Plantations ...	84	...	84				
6. Other canal produce		...		II.—MAINTENANCE AND REPAIRS.			
Total ...	9,043	...	9,043	1. Head Works	7,794	110	7,904
II.—INDIRECT RECEIPTS.				IV.—ESTABLISHMENT.			
				1 & 2. Direction and Accounts ...	368	5	373
Irrigation share of Land Revenue collected in the Civil Department ...	65,884	2,061	67,945	3. Executive	1,382	19	1,401
				Total ...	1,750	24	1,774
Total, Receipts ...	74,927	2,061	76,988				
				V.—TOOLS AND PLANT ...	29	...	29
				VI.—REFUNDS OF REVENUE.	2,021	...	2,021
				Total ...	11,594	134	11,728
Carried over ...	74,927	2,061	76,988	Carried over ...	11,594	134	11,728

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1915-1916.

43.—MINOR WORKS AND NAVIGATION.

GADIKERI TANK.

TANK PROJECT.

No. 3.—*Revenue Account for, and to end of,* 1915-1916.

Receipts.	Total.			Charges.	Total.		
	Previous.	1915-1916.	Total.		Previous.	1915-1916.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
Brought forward ...	74,927	2,061	76,988	Brought forward ...	11,594	134	11,728
				Share of Collection Charges in the Civil Department .	7,488	206	7,694
				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	245	3	248
				Total, Charges ...	19,327	343	19,670
				Balance Net Revenue ...	55,600	1,718	57,318
Grand Total ...	74,927	2,061	76,988	Grand Total ...	74,927	2,061	76,988

N.B.—Last Capital Account detailed in the Administrative Accounts for 1905-1906. Construction Estimate closed on 31st March 1882 —*vide* Government Resolution No. 1411, dated 12th September 1893. Completion Report approved in Government Resolution No. 101, dated 18th January 1894.

No. 5.—*Account of Indirect Charges for, and to end of,* 1915-1916.

Particulars.	Previous.	1915-1916.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
2. Leave and Pension Allowances	245	3	248

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1915-1916.

43.—MINOR WORKS AND NAVIGATION.

GOKA'K CANAL—FIRST SECTION AND STORAGE WORKS.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1915-1915.

Receipts.	Total. Previous.	1915-1916.	Total.	Charges.	Total. Previous.	1915-1916.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	6,75,699	27,526	7,03,225	1. Head Works ..	3,523	1,425	4,948
3. Sales of water ...	5,569	324	5,893	2. Main Canals and Branches ...	1,134	...	1,134
5. Plantations ...	18,820	300	20,646	Total ...	4,657	1,425	6,082
6. Other canal produce.		1,526					
7. Water-power ...	3,23,342	14,313	3,37,655	II.—MAINTENANCE AND REPAIRS.			
9. Rents of Buildings.	780	2	782	1. Head Works ...	52,466	3,652	56,118
10. Fines	44	...	44	2. Main Canals and Branches ...	34,110	387	34,497
11. Miscellaneous Receipts	17,564	1,994	19,558	3. Distributaries ...	22,971	276	23,247
Total ...	10,41,818	45,985	10,87,803	Total ...	1,09,547	4,315	1,13,862
II.—INDIRECT RECEIPTS				IV.—ESTABLISHMENT.			
Irrigation share of Land Revenue collected in the Civil Department.	...	...	...	1 & 2. Direction and Accounts ...	5,378	194	5,572
				3. Executive	87,072	3,110	90,182
				Total ...	92,450	3,304	95,754
Total, Receipts ...	10,41,818	45,985	10,87,803	V.—TOOLS AND PLANT...	9,365	61	9,426
				VI.—REFUNDS OF REVENUE... ...	2,204	47	2,251
				Total ...	2,18,223	9,152	2,27,375
				Share of Collection Charges in the Civil Department	38,513	1,430	39,943
				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	12,942	463	13,405
				Total, Charges ...	2,69,678	11,045	2,80,723
				Balance Net Revenue ..	7,72,140	34,940	8,07,080
Grand Total ...	10,41,818	45,985	10,87,803	Grand Total ...	10,41,818	45,985	10,87,80

N. B.—Last Capital Account detailed in the Administrative Accounts for 1906-07 and No. 6 in 1909-1910. Construction Estimate clos on 31st March 1897—*vide* Government Resolution No. 1393, dated 2nd October 1897. Completion Report approved Government Resolution No. 327, dated 10th February 1900.

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1915-1916.

43.—MINOR WORKS AND NAVIGATION.

GOKÁK CANAL—FIRST SECTION AND STORAGE WORKS.

CANAL PROJECT.

No. 4.—Interest Account for, and to end of, 1915-1916.

	Amount.		Amount.
	Rs.		Rs.
Total Interest charges to end of 1914-1915.	5,08,749	Net Revenue realized to end of 1914-1915.	3,743
Interest charges for the year 1915-1916 ...	13,922	Do. during 1915-1916 ...	...
			3,743
		Balance net Interest charges ...	5,18,928
Total ...	5,22,671	Total ...	5,22,671

Interest on outlay charged to 35—Protective Works as per Government of India's No. 4-A. I. of 19th January 1891.

No. 5.—Account of Indirect Charges for, and to end of, 1915-1916.

Particulars.	Previous.	1915-1916.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
2. Leave and Pension Allowances	12,942	463	13,405

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1915-1916.

43.—MINOR WORKS AND NAVIGATION.

DAMBAL TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1915-1916.

Receipts.	Total. Previous.	1915-1916.	Total.	Charges.	Total. Previous.	1915-1916.	Total.
	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				1. Head Works ...	634	...	634
1. Water-rates from Irrigation ...	17,037	27	17,064	II.—MAINTENANCE AND REPAIRS.			
5. Plantations ...	11,599	...	11,814	1. Head Works ...	12,632	438	13,070
6. Other canal produce		215		3. Distributaries ...	670	...	670
11. Miscellaneous Receipts	362	22	384	Total ...	13,302	438	13,740
				IV.—ESTABLISHMENT.			
Total ...	28,998	264	29,262	1 & 2. Direction and Accounts ...	593	13	606
				3. Executive	12,036	622	12,658
II.—INDIRECT RECEIPTS.				Total ...	12,629	635	13,264
				V.—TOOLS AND PLANT ...	...	4	4
Irrigation share of Land Revenue collected in the Civil Department.	29,434	916	30,350	VI.—REFUNDS OF REVENUE ...	126	...	126
				Total ...	26,691	1,077	27,768
Total, Receipts ...	58,432	1,180	59,612	Share of Collection Charges in the Civil Department	3,977	93	4,070
				Indirect Charges debitable to Revenue Account as per Account No. 5	1,900	89	1,989
				Total, Charges ...	32,568	1,259	33,827
				Balance Net Revenue...	25,864	—79	25,785
Grand Total ...	58,432	1,180	59,612	Grand Total ...	58,432	1,180	59,612

N.B.—Last Capital Account detailed in the Administrative Accounts for 1885-86.
Construction Estimate closed on 31st March 1886—*vide* Government Resolution No. 1411, dated 12th September 1893.
Completion Report approved in Government Resolution No. 1138, dated 16th July 1894.

No. 5.—Account of Indirect Charges for, and to end of, 1915-1916.

Particulars.	Previous.	1915-1916.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
1. Capitalized Abatement of Land Revenue	124	.....	124
2. Leave and Pension Allowances	1,776	89	1,865
Total ...	1,900	89	1,989

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1915-1916.

43.—MINOR WORKS AND NAVIGATION.

MEDLERI TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1915-1916.

Receipts.	Total. Previous.	1915-1916.	Total.	Charges.	Total. Previous.	1915-1916.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				I—EXTENSIONS AND IMPROVEMENTS.			
				1. Head Works ...	141	...	141
1. Water-rates from Irrigation ...	17,006	395	17,401	II.—MAINTENANCE AND REPAIRS.			
5. Plantations ...	} 294	{ ...	} 495	1. Head Works ...	12,751	250	13,001
6. Other canal produce		{ 201		2. Main Canals and Branches ...	24	...	24
11. Miscellaneous Receipts ...	38	50	88	3. Distributaries ...	2,191	...	2,191
Total ...	17,338	646	17,984	Total ...	14,966	250	15,216
II.—INDIRECT RECEIPTS.				IV.—ESTABLISHMENT.			
				1 & 2. Direction and Accounts ...	623	11	634
Irrigation share of Land Revenue collected in the Civil Department.	...	...	...	3. Executive ...	11,288	553	11,841
				Total ...	11,911	564	12,475
Total, Receipts ...	17,338	646	17,984	V.—TOOLS AND PLANT ..	...	4	4
				VI.—REFUNDS OF REVENUE.	299	...	299
				Total ...	27,317	818	28,135
				Share of Collection Charges in the Civil Department	847	22	869
				Indirect Charges debitable to Revenue Account as per Account No. 5	1,666	79	1,745
				Total, Charges ...	29,830	919	30,749
				Balance Net Revenue ...	—12,492	—273	—12,765
Grand Total ...	17,338	646	17,984	Grand Total ...	17,338	646	17,984

N. B.—Last Capital Account detailed in the Administrative Accounts for 1887-88. Construction Estimate closed on 31st March 1888—*vide* Government Resolution No. 1411, dated 12th September 1893. Completion Report approved in Government Resolution No. 1138, dated 16th July 1894.

No. 5.—Account of Indirect Charges for, and to end of, 1915-1916.

Particulars.	Previous.	1915-1916.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
2. Leave and Pension Allowances	1,666	79	1,745

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1915-1916.

43.—MINOR WORKS AND NAVIGATION.

MADAG TANK.

TANK PROJECT.

No. 3.—*Revenue Account for, and to end of,* 1915-1916.

Receipts.	Total. Previous.	1915-1916.	Total.	Charges.	Total. Previous.	1915-1916.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				I.—EXTENSIONS AND IMPROVEMENTS.			
1. Water-rates from Irrigation ...	89,706	1,636	91,342	2. Main Canals and Branches ...	1,537	...	1,537
5. Plantations ...	6,238	157	6,501	II.—MAINTENANCE AND REPAIRS.			
6. Other canal produce		106		1. Head Works ...	850	612	1,462
11. Miscellaneous Receipts	81	...	81	2. Main Canals and Branches ...	48,066	...	48,066
Total ...	96,025	1,899	97,924	Total ...	48,916	612	49,528
II.-INDIRECT RECEIPTS.				IV.—ESTABLISHMENT.			
Irrigation share of Land Revenue collected in the Civil Department.	...	...	...	1 & 2. Direction and Accounts ...	1,853	28	1,881
				3. Executive	31,311	1,096	32,407
				Total ...	33,164	1,124	34,288
Total, Receipts ...	96,025	1,899	97,924	V.—TOOLS AND PLANT ...	541	9	550
				Total ...	84,158	1,745	85,903
				Share of Collection Charges in the Civil Department .	4,497	82	4,579
				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	5,276	157	5,433
				Total, Charges ...	93,931	1,984	95,915
				Balance Net Revenue ...	2,094	—85	2,009
Grand Total ...	96,025	1,899	97,924	Grand Total ...	96,025	1,899	97,924

N.B.—Last Capital Account detailed in the Administrative Accounts for 1888-89. Construction Estimate closed on 31st March 1889—*vide* Government Resolution No. 1411, dated 12th September 1893. Completion Report approved in Government Resolution No. 1138, dated 16th July 1894.

No. 5.—*Account of Indirect Charges for, and to end of,* 1915-1916.

Particulars.	Previous.	1915-1916.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
2. Leave and Pension Allowances...	5,276	157	5,433

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1915-1916.

43.—MINOR WORKS AND NAVIGATION.

ASUNDI TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1915-1916.

Receipts.	Total. Previous.	1915-1916.	Total.	Charges.	Total. Previous.	1915-1916.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				I.—EXTENSIONS AND IMPROVEMENTS.			
1. Water-rates from Irrigation ...	15,180	770	15,950	1. Head Works ...	219	...	219
5. Plantations... ...	1,014	...	1,044	II.—MAINTENANCE AND REPAIRS.			
6. Other canal produce		30		1. Head Works ...	22,395	288	22,683
10. Fines	19	...	19	3. Distributaries ...	2,043	...	2,043
11. Miscellaneous Receipts	38	...	38	Total ...	24,438	288	24,726
Total ...	16,251	800	17,051	IV.—ESTABLISHMENT.			
II.—INDIRECT RECEIPTS.				1 & 2. Direction and Accounts ...	1,199	13	1,212
Irrigation share of Land Revenue collected in the Civil Department ...	17,645	687	18,332	3. Executive	18,726	626	19,352
				Total ...	19,925	639	20,564
				V.—TOOLS AND PLANT ...	500	4	504
				Total ...	45,082	931	46,013
Total, Receipts ...	33,896	1,487	35,383	Share of Collection Charges in the Civil Department	2,546	107	2,653
				Indirect Charges debitable to Revenue Account as per Account No. 5	2,800	89	2,889
				Total, Charges ...	50,428	1,127	51,555
				Balance Net Revenue ...	—16,532	360	—16,172
Grand Total ...	33,896	1,487	35,383	Grand Total ...	33,896	1,487	35,383

N. B.—Last Capital Account detailed in the Administrative Accounts for 1889-90. Construction Estimate closed on 31st March 1890—*vide* Government Resolution No. 1411, dated 12th September 1893. Completion Report approved in Government Resolution No. 1138, dated 16th July 1894.

No. 5.—Account of Indirect Charges for, and to end of, 1915-1916.

Particulars.	Previous.	1915-1916.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
1. Capitalized Abatement of Land Revenue	9	.....	9
2. Leave and Pension Allowances	2,791	89	2,880
Total ...	2,800	89	2,889

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1915-1916.

43.—MINOR WORKS AND NAVIGATION.

Dharma Canal.

Canal Project.

No. 2.—Capital Account for, and to end of, 1915-1916.

Heads of Account.	Direct Charges.			Cost of construction as now estimated.	Expenditure against closed estimates.
	Previous.	1915-1916.	Total.		
I.—Works.	Rs.	Rs.	Rs.	Rs.	Rs.
(1)—*Head Works.*					
K. Buildings	2,286	...	2,286	2,286	...
(2)—*Main Canals and Branches.*					
A. Preliminary Expenses	1,775	...	1,775	1,775	...
B. Land	476	...	476	476	...
D. Regulators	18,039	50	18,089	18,607	...
F. River and Hill Torrent Works ...	16,379	2,026	18,405	18,523	...
G. Bridges	868	...	868	875	...
H. Escapes	5,078	—67	5,011	7,514	...
K. Buildings	3,170	...	3,170	3,386	...
L. Earth-work	16,330	194	16,524	19,837	...
O. Miscellaneous	829	63	892	4,519	...
Total, Main Canals and Branches ...	62,944	2,266	65,210	75,512	...
Total, I.—Works ...	65,230	2,266	67,496	77,798	...
II.—Establishment.					
1 & 2. Direction and Accounts	3,428	102	3,530	3,479	...
3. Executive	10,657	385	11,042	13,145	...
Total, Establishment ...	14,085	487	14,572	16,624	...
III.—Tools and Plant ...	930	34	964	1,160	...
Grand Total ...	80,245	2,787	83,032	95,582	...
V.—*Less* Receipts on Capital Account ...	...	...	...	...	...
Net Outlay ...	80,245	2,787	83,032	95,582	...
Apportionment.					
Chargeable to 43—Minor Works and Navigation	80,245	2,787	83,032	95,582	...

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1915-1916.

43.—MINOR WORKS AND NAVIGATION.

DHARMA CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1915-1916.

Receipts.	Total.			Charges.	Total.		
	Previous.	1915-1916.	Total.		Previous.	1915-1916.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				II.—MAINTENANCE AND REPAIRS.			
1. Water-rates from Irrigation ...	2,347	1,336	3,683	1. Head Works ...	2,138	2,179	4,317
11. Miscellaneous Receipts ...	201	118	319	2. Main Canals and Branches ...	789	...	789
Total ...	2,548	1,454	4,002	Average expenditure before Improvements .	—2,780	—1,390	—4,170
				Total ...	147	789	936
II.—INDIRECT RECEIPTS.							
Irrigation share of Land Revenue collected in the Civil Department .	36,390	18,195	54,585	IV.—ESTABLISHMENT.			
				1 & 2. Direction and Accounts ...	81	76	157
Average Indirect Revenues as per Government Resolution No. A.I.—1650, dated 16th August 1911 ...	—46,312	—23,156	—69,468	3. Executive ...	1,902	1,794	3,696
				Total ...	1,983	1,870	3,853
Total ...	—9,922	—4,961	—14,883	V.—TOOLS AND PLANT ...	...	26	26
				Total ...	2,130	2,685	4,815
Total, Receipts ...	—7,374	—3,507	—10,881	Share of Collection Charges in the Civil Department ...	—865	—423	—1,288
				Indirect Charges debitable to Revenue Account as per Account No. 5	278	262	540
				Total, Charges ...	1,543	2,524	4,067
				Balance Net Revenue ...	—8,917	—6,031	—14,948
Grand Total ...	—7,374	—3,507	—10,881	Grand Total ...	—7,374	—3,507	—10,881

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1915-1916.

43.—MINOR WORKS AND NAVIGATION.

DHARMA CANAL.

CANAL PROJECT.

No. 5.—*Account of Indirect Charges for, and to end of,* 1915-1916.

Particulars.	Previous.	1915-1916.	Total.
	Rs.	Rs.	Rs.
CAPITAL—			
1. Capitalized Abatement of Land Revenue ...	2	.....	2
2. Leave and Pension Allowances ...	1,972	68	2,040
Total ...	1,974	68	2,042
REVENUE—			
2. Leave and Pension Allowances ...	278	262	540

No. 6.—*Statement comparing Charges to date with Sanctioned Estimates.*

Particulars.	Charges against closed Sanctions.			Current Sanctions.			Total charges to date against old and current Sanctions.	Remarks.
	Expenditure against construction Estimate.	Expenditure against Open Capital Sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Works ...	...	...	...	67,496	77,798	10,302	67,496	Revised Estimate sanctioned in Government Resolution No. W. I. 4695 (P. W. D.), dated 4th May 1916.
Establishment ...	...	...	...	14,572	16,624	2,052	14,572	
Tools and Plant ...	...	...	...	964	1,160	196	964	
Total ...	...	...	...	83,032	95,582	12,550	83,032	
Less—Receipts on Capital Account.	...	...	...	...	...	...	...	
Net Total ...	...	...	...	83,032	95,582	12,550	83,032	
INDIRECT CHARGES.								
Capitalized Abatement of Land Revenue ...	...	...	...	2	425	423	2	
Leave and Pension Allowances ...	...	...	...	2,040	2,327	287	2,040	
Total ...	...	...	...	2,042	2,752	710	2,042	
Grand Total ...	...	...	...	85,074	98,334	13,260	85,074	

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.
ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1915-1916.
43.—MINOR WORKS AND NAVIGATION.
MAVINKOP TANK.
TANK PROJECT.

No. 3.—*Revenue Account for, and to end of,* 1915-1916.

Receipt.	Total. Previous.	1915-1916.	Total.	Charges.	Total. Previous.	1915-1916.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
5. Plantations ...	28	...	28	1. Head Works ...	1,440	...	1,440
6. Other canal produce .				3. Distributaries ...	158	...	158
11. Miscellaneous Receipts	169	...	169	Total ...	1,598	...	1,598
Total ...	197	...	197	II.—MAINTENANCE AND REPAIRS.			
				1. Head Works ...	2,884	242	3,126
				3. Distributaries ...	348	...	348
				Total ...	3,232	242	3,474
II.—INDIRECT RECEIPTS.				IV.—ESTABLISHMENT.			
Irrigation share of Land Revenue collected in the Civil Department .	50,401	2,244	52,645	1 & 2. Direction and Accounts ...	228	6	234
				3. Executive ...	2,897	305	3,202
				Total ...	3,125	311	3,436
Total ...	50,401	2,244	52,645	V.—TOOLS AND PLANT .	...	2	2
				Total ..	7,955	555	8,510
Total, Receipts ...	50,598	2,244	52,842	Share of Collection Charges in the Civil Department ...	5,050	224	5,274
				Indirect Charges debitable to Revenue Account as per Account No. 5	438	44	482
				Total, Charges ...	13,443	823	14,266
				Balance Net Revenue ...	37,155	1,421	38,576
Grand Total ...	50,598	2,244	52,842	Grand Total ...	50,598	2,244	52,842

N.B.—Last Capital Account detailed in the Administrative Accounts for 1901-02. Construction Estimate closed on 31st March 1882—*vide* Government Resolution No. 1411, dated 12th September 1893. Completion Report approved in Government Resolution No. 1138, dated 16th July 1894.

No. 5.—*Account of Indirect Charges for, and to and of,* 1915-1916.

Particulars.	Previous.	1915-1916.	Total.
REVENUE—	Rs.	Rs.	Rs.
2. Leave and Pension Allowances	438	44	482

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1915-1916.

43.—MINOR WORKS AND NAVIGATION.

WORKS FOR WHICH ONLY REVENUE ACCOUNTS ARE KEPT.

SIND.

No. 3.—Revenue Account for, and to end of, 1915-1916.

Receipts.	Total. Previous.	1914-1915.	Total.	Charges.	Total. Previous.	1914-1915.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	3,93,319	25,653	4,18,972	I.—EXTENSIONS AND IMPROVEMENTS ...	19,08,098	88,542	19,96,640
3. Sales of water ...	289	12	301				
4. Water supply of towns ...	...	1	1				
5. Plantations ...	2,11,686	1,289	2,26,992	II.—MAINTENANCE AND REPAIRS ...	80,43,035	6,15,454	86,58,489
6. Other canal produce		14,017					
8. Navigation ...	...	12	12				
9. Rents of buildings.	21,364	2,986	24,350				
10. Fines	25,258	2,175	27,433				
11. Miscellaneous Receipts ...	3,55,272	11,469	3,66,741	IV.—ESTABLISHMENT.			
Receipts from 1874-75 to 1899-1900.	12,02,054	...	12,02,054				
Total ...	22,09,242	57,614	22,66,856	1 & 2. Direction and Accounts ...	4,33,107	25,184	4,58,291
II.—INDIRECT RECEIPTS.							
Irrigation share of Land Revenue collected in the Civil Department ...	3,49,07,996	24,78,394	3,73,86,390	3. Executive	15,34,018	1,14,913	16,48,931
4 per cent. on 9/10ths of the proceeds from sales of occupancy rights per Government of India Nos. 53 and 58-A. I., dated respectively 20th June and 1st Aug. 1889, communicated in Government Resolutions No. 1209, dated 10th July, and No. 1913, dated 7th November 1889 ...	6,31,715	48,715	6,80,430	Total ...	19,67,125	1,40,097	21,07,222
Receipts from 1874-75 to 1899-1900 ...	4,71,38,677	...	4,71,38,677	V.—TOOLS AND PLANT ...	16,747	—3,478	13,269
				VI.—REFUNDS OF REVENUE ...	—32	...	—32
Total ...	8,26,78,388	25,27,109	8,52,05,497	Total ...	1,19,34,973	8,40,615	1,27,75,588
Total, Receipts ...	8,48,87,630	25,84,723	8,74,72,353	Share of Collection Charges in the Civil Department	21,39,648	1,50,321	22,89,969
Note.—Loss to the canal on account of difference between asssessment of water-rates on Jághir lands and assessment at the ordinary rates in force for Government lands noted here per Government of India letter No. 233-I., dated 14th June 1883, communicated under Government Resolution No. 400, dated 11th August 1883.				Indirect Charges debitable to Revenue Account as per Account No. 5	*	*	*
Rs.				Charges from 1874-75 to 1899-1900 ...	2,22,85,677	...	2,22,85,677
To end of 1914-1915 ... 31,39,098							
Loss for 1915-1916 ... 1,74,277							
Total ... 33,13,375				Total, Charges ...	3,63,60,298	9,90,936	3,73,51,234
				Balance Net Revenue ...	4,85,27,332	15,93,787	5,01,21,119
Grand Total ...	8,48,87,630	25,84,723	8,74,72,353	Grand Total ...	8,48,87,630	25,84,723	8,74,72,353

* Not calculated in respect of Works for which only Revenue Accounts are kept.

N.B.—This account has been prepared in accordance with the instructions contained in Government of India's No. 686-C.W.I., dated 10th June 1901, communicated in Government Resolution No. A. I.—1453, dated 12th July 1901.

BOMBAY: PRINTED AT THE GOVERNMENT CENTRAL PRESS.

STATISTICAL STATEMENTS

FOR

IRRIGATION WORKS, DECCAN AND GUJARAT,

FOR THE YEAR 1915-16.

LIBRARY
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ROYAL ASIATIC SOCIETY

H 1453—1

STATEMENT

Statement of Canals in the Bombay

Source of Supply of Water.	(1) Pravara Right Bank Canal.	(2) Girna Left Bank Canal.	(3) Godávari Canals.		(4) Nira Left Bank Canal.	(6) Nira Right Bank Canal.	(9) Háthmati and Khári Cut Canals combined.	
	Pravara River.	Girna River.	Godávari River.		River Nira and Reservoir at Bhátghar.	River Nira and Reservoir at Vir.	Háthmati Canal, Háthmati River.	Khári Cut Canal, Khári River.
			Right Bank	Left Bank.				
Minimum discharge per second. C. ft. per second.	K. 17·88	K. 124·92	K. 53·41	K. 37·90	K. 1,318	Under construction.	K. 9	12
	R. 30·16	R. 102·26	R. 75·92	R. 12·63	R. 34		R. 16	6
	H. W. 8·80	H.W. Supplied from Chankapur Tank.	H. W. 42·14	H.W. 17·05	H. W. 5		H.W. 7	4
Maximum discharge of canal. „ ...	K. 127·56	K. 58·46	K. 194·88	K. 107·84	456		K. 350	106
	R. 107·21	R. 58·45	R. 234·48	R. 112·94			R. 82	42
	H.W. 66·20	H.W. 56·64	H.W. 398·62	H.W. 279·72			H.W. 29	6
Average annual rainfall ... Inches.	19·51	20·00	18·55	21·14	20·62	1·45‡	K. 25·48	26·67
							R. 0·23	0·04
Gross area commanded ... Acres.	73,763	18,982	144,310	88,080	274,447	600,000	44,744	32,000
Culturable do. ... „	60,000	15,109	136,390	83,000	227,670	480,000	28,840	20,000
Area irrigable by complete project ... ... „	45,000	Information not available.	49,331	30,109	113,280	283,000	11,336	16,000
Area irrigable at present ... „	24,656		33,501	15,310	113,280	.....	8,000	16,000
			Inclusive of Godavari Left Bank Canal.					
Sanctioned Estimate—								
Direct charges ... ... Rs.	71,54,934	16,99,056.	88,34,597		57,34,655*	2,49,71,868	4,94,705	1,91,019
Indirect charges ... ... „	4,55,892	70,540	7,26,447		3,69,780	8,00,631	30,000	16,365
Interest during construction . „	.....	.....	.....		28,44,872	.....	2,37,687	.....
Total, Estimate ... Rs.	(a) 76,10,826	17,69,596	(a) 95,61,044		89,49,307*	2,57,72,499	7,62,392	2,07,384
Expenditure to end of 1915-1916. Direct charges ... Rs.	57,35,112	18,24,088	93,55,562		60,96,736*	92,84,806	4,90,925	7,50,237
Indirect charges „	1,84,379	60,722	4,80,689		3,64,335	2,05,848	26,913	46,900
Interest during construction ... „	6,07,768	2,48,354	17,39,392		31,56,403	5,25,921	2,37,687	.....
Total Expenditure ... Rs.	(a) 65,27,259	21,33,164	(a) 1,15,75,643		96,17,474*	1,00,16,575	7,55,525	7,97,137
Works as now sanctioned—								
Main Canals, Irrigation ... Miles.	33	13·11	†70½	48	100·25	110	21	31
Branch Canals do. ... „	.....	.....	.....	.....	.....	.....	.....	8
Distributaries ... ... „	13	9·80	48	9·46	139·00	.....	25	27
Of above—								
Navigable Channels ... Miles.	.....	.....	.....	.....	.....	.....	.....	.....
Works completed at end of 1915-1916—								
Main Canals, Irrigation ... Miles.	33	13·11	62	48	100·25	.....	21	31
Branch Canals do. ... „	.....	.....	.....	.....	.....	.....	.....	8
Distributaries ... ... „	13	†9·93	48	9·46	139·00	.....	30	27
Of above—								
Navigable Channels ... Miles.	.....	.....	.....	.....	.....	.....	.....	.....

* These figures do not include the amount of sanctioned estimate and cost of widening the Nira Left Bank Canal.

†Revised according to the present condition of work. ‡ Estimated rainfall in the catchment.

(a) These are for the whole Project. (b) Canal closed temporarily for widening and extension.

I-A.

Presidency, excluding Sind, for the year 1915-1916.

(11) Ka'dva River Works.			(12) Lákh Canal.	(15) Krishna Canal.	(22) Jámda Canal.	(24) Pravara Left Bank Canal.	(32) Revári Canal.	(35) Chikhli Canal.	(39) Gokák Canal, 1st Section, and Storage Works.	(45) Dharma Canal.
Pálkhed Canal.	Ojhar Támbat Canal.	Wadáli Canal.								
Kádva River.	Bánganga River.	Kádva River.	Pravara River.	River Krishna.	Girna River.	(b) Pravara River.	River Wárna.	River Nándni.	River Ghatprabha and Storage works.	Dharma River.
K. 1·39	K. 2·34	K. 5·58	K. 1·00	K. 108·45	K. 84·64	K. ...	K. 2·05	K. 20·69	K. Flood.	K. Information not available.
R. Supplied from Waghad tank	R. Supplied from Waghad tank.	R. 5·58	R. 4·00	R. 108·67	R. 70·85	R. 7 00	R. 10·79	R. ...	R. 35·23	R. Nil.
H.W.	H.W.	H.W. 5·58	H.W. 1·33	H.W. 18·08	H.W. 34·76	H.W. ...	H.W. 2·05	H.W. ...	H.W. Nil.	H.W. Nil.
					Left Bank. Right Bank.				Canal. Mills.	
K. 21·66	K. 11·46	K. 5·76	K. 36·57		K. 27·30 11·21	K. ...			K. 66 68	K. 175·20
R. 37·50	R. 7·99	R. 10·03	R. 23·28	97·17	R. 27·78 6·08	R. 24·89	11·47	19·24	R. 66 68	R. Nil
H.W. 21·66	H.W. 10·58	H.W. 6·49	H.W. 24·00		H.W. 18·05 8·21	H.W. ...			H.W. 23·75 63	H.W. Nil.
26·05	19·72	20·04	22·27	26·02	25·30	21·72	27·03	22·25	Dhupdal 24·41 Gokák 24·60	82·98
					Left Bank Right Bank.					
28,832	8,055	3,486	29,913	28,327	37,122 9,166	23,724	3,813	1,871	18,668	13,562
26,280	7,421	2,729	25,536	26,453	33,124 7,061	21,155	3,624	1,478	17,627	12,870
23,466	6,824	2,433	22,760	12,320	3,500 1,500	20,088	1,920	1,478	17,627	12,870
9,837	2,367	2,433	11,280	12,320	3,500 1,500	14,763	1,920	1,478	17,627	12,870
2,38,087	14,541	29,771	3,75,189	8,29,067	10,27,238	3,25,902	56,324	53,803	13,19,115	95,582
15,761	833	1,540	20,277	48,216	61,402	22,309	3,124	3,612	76,902	2,752
2,12,554	2,411	32,150	3,65,298	7,83,613	.....	...	...	...	1,44,865	.....
4,66,402	17,785	63,461	7,60,764	16,60,896	10,88,640	3,48,211	59,448	57,415	15,40,882	98,334
2,71,376	7,186	28,291	3,52,446	8,91,041	9,91,178	3,24,317	56,771	53,803	13,01,750	83,032
17,216	647	2,354	19,445	51,435	49,911	23,233	3,040	3,639	80,172	2,042
3,17,565	5,044	45,031	3,55,414	7,83,061	.....	...	...	...	2,41,093	.....
6,06,157	12,877	75,676	7,27,305	17,25,537	10,41,089	3,47,550	59,811	57,442	16,23,015	85,074
11	8	8·62	23	35·25	39	19	5·66	6·50	4·10	19·00
.....	.....	...	...	26·25	.....	...	5·25	...	12·03	8·15
21·50	.....	...	11	...	75	25	...	...	35·43	3·71
.....	.....	...	...	...	.....	...	...	...	.....	.....
11	4·50	8·62	23	35·25	39	19	5·00	6·50	4·10	19·00
.....	.....	...	...	28·62	.....	...	5·25	...	12·03	8·15
14·36	.....	...	9·37	...	75	21	...	...	35·43	3·71
.....	.....	...	...	...	.....	...	...	...	.....	.....

STATEMENT

Statement of Reservoir Projects in the

Source of Supply.		(2) Chankapur Tank. Girna River.	(3) Dárna Reservoir. Dárna River.	(4) Bhátghar Reservoir, Nira Canal. Yelvandi River, Ghát Catchment.	(4)A Shetphal Tank. Nira Canal.	(5) Mhasvad Tank. Mán River.	(10) Lower Páṇjhra River Works and Mukti Tank. Local Streams.	(11) Kádva River Works (Wághad Tank). Kolvan River, Ghat Catchment.	(13) Mutha Reservoir, Lake Fife. Mutha River, Ghat Catchment.	(13)A Mátoba Tank. Small Nala and Mutha Right Bank Canal.	(14) Ekrúk Tank. Adhela River.	(16) Wangroli Tank. Kharwa Nála.	(17) Tranza Tank. Mátar Drainage Channel.	(17) Nagramma Tank. Mátar Drainage Channel.	(18) Sávli Tank. Gadia Nala	(19) Sahiat Tank. Sahiat Nála.	(20) Hartála Tank. Local Streams
If supplied by rainfall.	Area of catchment ... Sq. miles.	100·00	156	128	2·33	480	34·2	29·00	196	10·00	159	13	Nil.	(i) 1·5	11	12·5	6·80
	Average annual rainfall ... Inches.	36·81	43·34	145	16·82	...	20·61	47·98	138	16·31	28·88	26·97	25·87	25·87	25·07	30·53	25·75
Contents of tanks between levels of surface of full supply and sill of canal head sluice.	Millions of cubic feet.	1,548	8,818·30	5,313	572	2,633	342	606	(d) 3,447	(e) 220	3,810	(m) 212·00	79·97	97·14	(j) 162·40 (k) 210	130	134
Area of surface at full supply.	Acres and decimals.	1,043·49	8,584·02	4,775	898	4,013·80	509	778	3,753	417·46	4,551	(q) 596·87	196·00	278·00	(l) 557	662·61	472
Gross area commanded. Acres.		(a)...	232,390	No irrigation direct from the Reservoir.	425,000	129,045	13,117	(a)...	94,087	10,700	17,152	5,060	1,000	500	4,700	4,000	584
Culturable do. ... „		(a)...	219,390		425,000	106,214	12,627	(c)...	(f) 49,800	7,133	16,941	5,000	888	402	4,700	4,000	527
Area irrigable by complete project. „		(a)...	79,440		4,200	24,800	12,627	(c)...	16,800	3,250	16,941	3,060	500	300	3,000	2,000 to 2,500	415
Do. at present. „		(a)...	48,811		4,200	24,800	12,627	(c)...	16,800	3,250	16,941	3,400	500	300	3,000	2,000	415
Wells supplied by tanks. No.		...	...		...	12	...	(c)...	...	...	...	Nil.	Nil.	Nil.	Nil.	Nil.	...
Sanctioned Estimate—																	
Direct Charges ... Rs.		(a)...	(a)...	(a)...	7,04,442	20,24,327	4,44,486	4,67,662	64,62,810	1,93,000	12,28,243	2,01,575	2,61,043		2,25,709	1,54,133	48,890
Indirect Charges ... „		(a)...	(a)...	(a)...	46,435	1,03,947	22,774	16,835	2,56,743	17,500	1,06,687	46,969	51,686		23,519	32,649	26,159
Interest during construction ... ... „		(a)...	(a)...	(a)...	55,157	6,56,222	2,37,421	2,17,233	56,54,209	...	8,00,650	Nil.	Nil.		Nil.	Nil.	...
Total Estimate ... Rs.		(a)...	(a)...	(a)...	8,06,034	27,84,496	7,04,681	7,01,730	1,23,73,762	2,10,500	21,35,580	2,48,544	3,12,734		2,49,228	1,86,782	75,049
Expenditure to end of 1915-1916.	Direct Charges. Rs.	(a)...	(a)...	(a)...	(a)...	20,05,553	4,45,382	6,64,888	75,84,576	Included in the Mutha Canals.	12,28,117	2,36,388	2,38,032		2,34,179	1,58,452	47,948
	Indirect Charges. „	(a)...	(a)...	(a)...	(a)...	90,463	23,239	42,233	3,00,331		1,12,269	49,675	41,576		21,031	25,577	25,434
	Interest during construction ... „	(a)...	(a)...	(a)...	(a)...	14,45,492	4,18,889	4,45,241	56,50,549		10,27,893	Nil.	Nil.		Nil.	Nil.	...
Total Expenditure ... Rs		(a)...	(a)...	(a)...	(a)...	35,41,508	8,87,460	11,52,362	1,35,35,456	...	23,68,279	2,86,943	2,79,608		2,55,210	1,84,029	73,382
Works as now sanctioned—																	
Dam (earth or masonry) ...		Masonry	Masonry	Masonry.	Earth.	Earth.	Earth.	Earth.	Masonry.	Earth.	Earth.	Earth.	Earth.	Earth.	Earth.	Earth.	Earth.
Total height ... ... Feet.		92	92	127 (g) 108 (h)	66·00	79·79	65	95	97·84	48·41	76	27·18	15·84	17·12	37·5	22·14	51·50
Canals ... ...Miles.		(b)...	118½	(a)...	6·54*	66·25	...	(c)...	88·00	—	48	13·79	5·35	2·25	8·35	9·25	...
Distributaries ... „		(b)...	57·46	(a)...	...	43·36	45	(c)...	70·00	17·00	1·68	Nil.	Nil.	Nil.	1·32	0·85	5·50
Works completed at end of 1915-1916—																	
Dam (height completed) ... ... Feet.		92	92	127 (g) 108 (h)	66	79·79	65	96†	97·84	48·41	76	27·18	15·84	17·12	37·5	22 14	51·50
Canals ... ...Miles.		(b)...	110	(a)...	6·54*	66·25	...	(c)...	88·00	...	48	13·79	5·35	2·25	8·35	9·25	...
Distributaries ... „		(b)...	57·46	(a)...	...	43·36	45	(c)...	67·00	17·00	1·68	Nil.	Nil.	Nil.	1·32	0·85	5·50

A This area is also commanded by the Nira Canal.
* This includes 38½ miles of Branch Canals.
† Revised according to the present condition of work.
(a) Figures given in Statement I-A.
(b) The tank supplies the Girna Left Bank Canal and bandháras below the tank.
(c) The tank supplies the Pálkhed, Ojhar Támbat, and Wadáli Canals and their distributaries as noted in Statement I-A.
(d) Storage available after deducting 508 m. cft. which cannot be used on account of the Poona water-supply.
(e) After deducting silt deposits.
(f) Includes 7·133 commanded by Matoba Tank.
(g) Above lowest foundations.
(h) Above lowest point in river bed.
(i) The catchment area of the drainage channel is 13 square miles in addition.
(j) At provisional F. S. L. R. L. 103·50.
(k) At original F. S. L. 105·00.
(l) The provisional F. S. L. of the Savli Tank is changed from R. L. 100·00 to R. L. 103·50 and so the capacity is increased, as also the area of surface.
(m) Corrected as the F. S. L. is raised by 0·50 feet *i.e.* to R. L. 102·50.
(n) Gauged at the respective Station.
(o) Assumed.
(p) Gauged in the catchment area.
(q) Corrected as found by actual contours.

II-A.

Bombay Presidency, excluding Sind, for 1915-1916.

(21)	(23)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(33)	(34)	(36)	(37)	(38)	(39)	(40)	(41)	(42)	(43)	(44)
Mhasva Tank.	Parsul Tank.	Bhátodi Tank.	Kásurdi Tank.	Shirsuphal Tank.	Bhádalvádi Tank.	Koregaon Tank.	Ashti Tank.	Páthri Tank.	Upper Mán River Works (Pingli Tank).	Yerla River Irrigation Works (Nehr Tank).	Maini Tank.	Muchkundi Tank.	Gadikeri Tank.	Gokák Canal, 1st Section, and Storage Works.	Dambal Tank.	Medleri Tank.	Asundi Tank.	Madag Tank.	Mávinkop Tank.
Local Streams.	Parsul River.	Mehekri River.	Kásurdi Nála.	Deccan Tributary of the Bhima River.	Deccan Tributary of the Bhima River.	Nála.	Ashti Nála.	Yerai River.	Mán River.	Yerla River.	Wanga Nála	Muchkundi Nála.	Nála.	Ghatprabha River, Ghat Catchment.	Nála.	Medleri Nála.	Nála.	Kumudwati River.	Nála.
13·40	17·33	44	6	23	23	7	92	27·5	20·00	59·55	51·70	26·00	4·68	1,080	43	11	23	540	6·25
27·72	17·81	27·08	17·95	16·81	19·90	28·13	24·65	28·52	17·98	25·31	20·81	19·77	34·26	*A*	(*n*) 19·60 (*p*) 20·43	(*n*) 19·62	(*n*) 23·78	(*n*) 29·62 (*p*) 42·46	(*o*) 39·01
158	118·70	154	9·14	356·64	190·77	104	1,419	407	192	489·77	183·60	624	27·50	907·182	113·66	57·60	74	54·630	45·75
421	151	315	379	833·79	335·18	202	2,830	681	349·04	676·09	427·76	1,059	129·00	2,731·86	442	169	418	362	176·5
4,647	3,337	15,126	597	4,500	3,000	2,394	17,882	5,000	8,443	11,234	4,876	5,570	687	*A*	3,000	1,916	1,800	2,851	872
4,075	3,197	13,657	478	2,500	2,400	2,394	16,825	4,586	7,623	10,680	4,625	5,417	Not known.	*A*	2,500	830	1,011	1,345	755
1,700	1,000	12,124	150	1,800	2,000	1,050	11,780	2,500	2,080	6,000	4,625	3,417	450	*A*	2,500	1,052	1,011	2,186	755
1,700	1,000	12,124	150	1,800	2,000	1,050	11,780	2,500	2,080	5,480	4,625	750	417	*A*	1,000	600	1,011	1,345	617
...	...	...	...	...	...	...	...	...	29	28	13	...	Not known.	41	Uncertain.	Nil.	Nil.	Nil.	Nil.
1,29,813	2,15,366	3,51,767	40,812	2,09,460	2,14,382	40,731	7,54,250	6,43,141	4,16,341	6,96,754	3,68,000	1,48,200	16,990	*A*	61,162	78,237	67,731	2,32,263	30,379
10,202	8,246	26,511	4,778	12,822	14,342	1,318	80,677	29,715	28,190	48,560	22,492	20,220	541	*A*	3,744	3,468	12,754	17,144	4,005
...	...	...	...	...	...	...	...	...	...	...	...	...	...	*A*	...	...	...	...	...
1,40,015	2,23,612	3,78,278	45,590	2,22,282	2,28,724	42,049	8,34,927	6,72,856	4,44,531	7,45,314	3,90,492	1,68,420	17,531	*A*	64,906	81,705	80,485	2,49,407	34,384
1,28,781	2,08,007	3,52,685	40,812	2,12,199	2,13,115	37,923	7,57,050	6,27,825	4,15,335	7,19,542	4,62,125	1,40,217	16,363	*A*	60,847	78,354	60,741	1,61,248	30,185
10,175	6,988	27,022	4,778	12,369	14,307	1,266	79,041	15,021	23,451	45,328	25,525	18,490	555	*A*	3,133	3,038	14,254	6,350	3,319
...	...	...	...	...	...	...	...	...	...	...	...	...	...	*A*	...	...	...	...	...
1,38,956	2,14,995	3,79,707	45,590	2,24,568	2,27,422	39,189	8,36,091	6,42,846	4,39,286	7,64,870	4,87,650	1,58,707	16,918	*A*	63,980	81,392	74,995	1,67,598	33,504
Earth.	Earth.	Masonry	Earth.	Earth.	Earth.	2 dams, 1 earth & 1 masonry.	Earth.	Earth.	Earth.	Earth.	Earth.	Masonry	Earth.	Masonry weir.	Earth.	Earth.	Earth.	Earth.	Earth.
44	62·27	50	33·45	54·32	55·09	71 & 16	57·75	63·75	53·50	74	57·33	60	20	27 ft. (maximum above foundations).	42·25	41	33·95	100	30·53
...	...	4·50	...	...	...	3·75	27·50	4·66	17·50	33·33	9·25	5·5	Irrigation Channels.	16·13	Nil.	Nil.	Nil.	9	Nil.
7	4·75	5·50	1·75	12·50	9·75	...	3·15	3·33	6·50	4	7·58	2·25	Irrigation Channels.	35·43	3·27	5·64	4·86	Nil.	2·79
44	62·27	50	33·45	54·32	55·09	71 & 16	57·75	63·75	53·50	74	57·33	60	20	27·00	41	33 95	100	30·53	Nil.
...	...	4·50	...	...	...	3·75	27·50	4·66	17·50	33·33	9·25	5·5	Irrigation Channels.	4·10 and Wadarhatti Branch, 12·03	Nil.	Nil.	Nil.	9	Nil.
7	4·75	5·50	1·75	12·50	9·75	...	3·15	3·33	6·50	4	7·58	2·25	Irrigation Channels.	35·43	3·27	5·64	4·86	Nil.	2·79

STATEMENT

Capital Account of Irrigation Works in Deccan

Name of Work.	During Year.								
	Direct Charges.						Indirect Charges.		
	Works.	Establishment.	Tools and Plant.	Total.	Deduct—Receipts on Capital Account.	Total.	Capitalization.	Leave and Pension Allowances.	Total.
1	2	3	4	5	6	7	8	9	10
MAJOR WORKS.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
35.—Protective Irrigation Works.									
In Operation.									
1. Pravara River Canal	6,18,359	1,55,481	5,357	7,79,197	1,275	7,77,922	4,653	21,767	26,420
2. Chankápur Tank	31,194	6,301	468	37,963	...	37,963	25	882	907
3. Godávari Canal	2,18,938	78,103	421 (a)—1.601	2,90,861	...	2,90,861	2,064	10,934	12,998
4. Nira Canal and Shetphal Tank ...	2,047	112	...	2,159	...	2,159	...	16	16
5. Mhásvad Tank	...	...	...	...	...	...	...	...	...
Total ...	8,65,538	2,39,997	6,246 (a)—1.601	11,10,180	1,275	11,08,905	6,742	33,599	40,341
Under Construction.									
6. Máládevi Tank	...	...	...	...	78	—78	...	...	...
7. Budhihal Tank	295	63	4	362	171	191	...	9	9
8. Nira Right Bank Canal	22,16,551	3,44,072	3,178 (a)—11.936	25,51,865	1,474	25,50,391	7,362	48,170	55,532
Total ...	22,16,846	3,44,135	3,182 (a)—11.936	25,52,227	1,723	25,50,504	7,362	48,179	55,541
Total, Protective Works ...	30,82,384	5,84,132	9,428 (a)—13.537	36,62,407	2,998	36,59,409	14,104	81,778	95,882
49.—IRRIGATION WORKS.									
Productive Works.									
9. Háthmati Canal and Khári Cut Canal	...	...	...	...	...	...	870	...	870
10 Lower Panjhra River Works	...	...	...	...	...	...	...	...	...
11. Kádva River Works	...	...	...	...	...	...	...	...	...
12. Pravara River Works—Lákh Canal ...	...	...	...	...	...	...	...	...	...
13. Mutha Canals and Mátoba Tank ...	1,33,815	28,770	2,007	1,64,592	...	1,64,592	...	4,028	4,028
14. Ekruk Tank	...	...	...	...	...	...	...	...	...
15. Krishna Canal	1,191	257	18	1,466	...	1,466	...	36	36
Total, Productive Works ...	1,35,006	29,027	2,025	1,66,058	...	1,66,058	870	4,064	4,934
Total, Major Works ...	32,17,390	6,13,159	11,453 (a)—13.537	38,28,465	2,998	38,25,467	14,974	85,842	1,00,816
43.—MINOR WORKS AND NAVIGATION.									
In Operation.									
16. Wangroli Tank	1,318	284	20	1,622	...	1,622	14,732	40	14,772
17. Tranza-Nagramma Tanks	...	...	...	...	...	...	...	...	...
18. Savli Tank	...	...	...	...	...	...	...	...	...
19 Sahiat do.	...	...	...	...	...	...	...	...	...
20. Hartala do.	...	...	...	...	...	...	...	...	...
21. Mhasva do.	...	...	...	...	...	...	...	...	...
22. Jámda Canals	...	...	...	...	...	...	...	...	...
23. Parsul Tank	...	...	...	...	...	...	...	...	...
24. Pravara Left Bank Canal	...	...	...	...	...	...	...	...	...
25. Bhátodi Tank	...	...	...	...	...	...	...	...	...
26. Kásurdi do.	...	...	...	...	...	...	...	...	...
27. Shirsuphal do.	...	...	...	...	...	...	...	...	...
28. Bhádalwádi do.	...	...	...	...	...	...	...	...	...
29. Koregaon do.	...	...	...	...	...	...	...	...	...
30 Ashti do.	...	...	...	...	...	...	...	...	...
31. Páthri do.	...	...	...	...	...	...	...	...	...
32. Revári Canal	...	...	...	...	...	...	15	...	15
33. Upper Mán River Works	...	...	...	...	...	...	...	...	...
34. Yerla River Irrigation Works	...	...	...	...	...	...	...	...	...
	1,318	284	20	1,622	...	1,622	14,747	40	14,787
Carried over ..	32,17,390	6,13,159	11,453 (a)—13.537	38,28,465	2,998	38,25,467	14,974	85,842	1,00,816

(a) Suspense Account.

I-B.

and Gujarit for and to end of 1915-1916.

	To end of Year.									
	Direct Charges.						Indirect Charges.			
Grand Total.	Works.	Establishment.	Tools and Plant.	Total.	Deduct—Receipts on Capital Account.	Total.	Capitalization.	Leave and Pension Allowances.	Total.	Grand Total.
11	12	13	14	15	16	17	18	19	20	21
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
8,04,342	44,74,114	9,22,560	3,42,558 (a)—154	57,39,078	3,966	57,35,112	55,221	1,29,158	1,84,379	59,19,491
38,870	14,62,649	3,05,614	57,957	18,26,220	2,132	18,24,088	17,297	43,425	60 722	18,84,810
3,03,859	78,92,733	12,40,613	2,21,997 (a)2,245	93,57,588	2,026	93,55,562	3,07,005	1,73,684	4,80,689	98,36,251
2,175	48,23,666	11,58,484	1,22,968	61,05,118	8,382	60,96,736	1,84,874	1,79,461	3,64,335	64,61,071
...	15,98,308	3,45,781	62,937	20,07,026	1,473	20,05,553	36,924	53,539	90,463	20,96,016
11,49,246	2,02,51,470	39,73,052	8,08,417 (a) 2,091	2,50,35,030	17,979	2,50,17,051	6,01,321	5,79,267	11,80,588	2,61,97,639
—78	2,42,869	60,546	1,473	3,04,888	2,848	3,02,040	875	9,013	9,888	3,11,928
200	3,97,777	89,478	5,022	4,92,277	1,379	4,90,898	5,741	12,527	18,268	5,09,166
26,05,923	76,83,099	10,66,123	5,31,442 (a) 7,809	92,88,473	3,667	92,84,806	56,591	1,49,257	2,05,848	94,90,654
26,06,045	83,23,745	12,16,147	5,37,937 (a) 7,809	1,00,85,638	7,894	1,00,77,744	63,207	1,70,797	2,34,004	1,03,11,748
37,55,291	2,85,75,215	51,89,199	13,46,354 (a) 9,900	3,51,20,668	25,873	3,50,94,795	6,64,528	7,50,064	14,14,592	3,65,09,387
870	10,05,076	2,24,187	13,189	12,42,452	1,469	12,40,983	36,598	38,392	74,990	13,15,973
...	3,67,303	74,888	3,228	4,45,419	37	4,45,382	8,694	14,545	23,239	4,68,621
...	7,60,525	1,88,801	22,555	9,71,881	140	9,71,741	31,133	31,317	62,450	10,34,191
...	2,64,529	68,641	19,477	3,52,647	201	3,52,446	5,824	13,621	19,445	3,71,891
1,68,620	63,35,850	11,34,906	1,27,540 (a)—1,136	75,97,160	12,328	75,84,832	93,528	2,06,803	3,00,331	78,85,163
...	10,07,089	2,12,509	9,713	12,29,311	1,194	12,28,117	69,948	42,321	1,12,269	13,40,386
1,502	7,33,562	1,54,935	2,544	8,91,041	...	8,91,041	21,822	29,613	51,435	9,42,476
1,70,992	1,04,73,934	20,58,867	1,98,246 (a)—1,136	1,27,29,911	15,369	1,27,14,542	2,67,547	3,76,612	6,44,159	1,33,58,701
39,26,283	3,90,49,149	72,48,066	15,44,600 (a) 8,764	4,78,50,579	41,242	4,78,09,337	9,32,075	11,26,676	20,58,751	4,98,68,088
16,394	2,07,929	27,395	1,789	2,37,113	743	2,36,370	46,225	3,836	50,061	2,86,431
...	2,22,942	14,168	924	2,38,034	2	2,38,032	40,620	1,983	42,603	2,80,635
...	2,02,183	30,269	1,974	2,34,426	247	2,34,179	16,793	4,238	21,031	2,55,210
...	1,34,805	22,199	1,448	1,58,452	...	1,58,452	22,470	3,107	25,577	1,84,029
...	33,437	11,936	2,579	47,952	4	47,948	23,052	2,382	25,434	73,382
...	1,01,259	26,399	1,129	1,28,787	6	1,28,781	5,026	5,149	10,175	1,38,956
...	7,86,229	1,91,841	13,129	9,91,199	21	9,91,178	12,015	37,896	49,911	10,41,089
...	1,62,423	42,832	2,823	2,08,078	71	2,08,007	972	6,016	6,988	2,14,995
...	2,34,163	85,770	4,528	3,24,461	144	3,24,317	6,943	16,290	23,233	3,47,550
...	2,73,838	70,183	9,354	3,53,375	690	3,52,685	13,023	13,999	27,022	3,79,707
...	31,433	8,495	884	40,812	...	40,812	3,079	1,699	4,778	45,590
...	1,71,148	38,190	2,861	2,12,199	...	2,12,199	5,137	7,232	12,369	2,24,568
...	1,57,001	53,493	2,621	2,13,115	...	2,13,115	4,067	10,240	14,307	2,27,422
...	30,044	7,661	218	37,923	...	37,923	...	1,266	1,266	39,189
...	6,09,236	1,45,084	8,122	7,62,442	5,392	7,57,050	52,311	26,730	79,041	8,36,091
15	5,21,783	1,00,435	7,403	6,29,621	1,796	6,27,825	960	14,061	15,021	6,42,846
...	47,057	9,693	21	56,771	...	56,771	1,259	1,781	3,040	59,811
...	3,14,286	95,008	6,782	4,16,076	241	4,15,835	5,880	17,571	23,451	4,39,286
...	5,89,656	1,24,186	8,065	7,21,907	2,365	7,19,542	22,684	22,644	45,328	7,64,870
16,409	48,30,852	11,05,237	76,654	60,12,743	11,722	60,01,021	2,82,516	1,98,120	4,80,636	64,81,657
39,26,283	3,90,49,149	72,48,066	15,44,600 (a) 8,764	4,78,50,579	41,242	4,78,09,337	9,32,075	11,26,676	20,58,751	4,98,68,088

STATEMENT

Name of Work.	During Year.								
	Direct Charges.						Indirect Charges.		
	Works.	Establishment.	Tools and Plant.	Total.	Deduct—Receipts on Capital Account.	Total.	Capitalization.	Leave and Pension Allowances.	Total.
	2	3	4	5	6	7	8	9	10
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Brought forward ...	32,17,390	6,13,159	11,453 (a)—13,537	38,28,465	2,998	38,25,467	14,974	85,842	1,00,816
	1,318	284	20	1,622	...	1,622	14,747	40	14,787
43.—MINOR WORKS AND NAVIGATION—*concluded.*									
In Operation—concluded.									
35. Chikhli Canal	...	...	...	...	...	...	...	...	...
36. Maini Tank	...	...	...	...	...	...	...	...	...
37. Muchkundi do.	...	...	...	...	...	...	...	...	...
38. Gadikeri do.	...	...	...	...	...	...	...	...	...
39. Gokák Canal, 1st Section, and Storage Works	...	...	...	...	...	...	...	...	...
40. Dámbal Tank	...	...	...	...	...	...	...	...	...
41. Medleri do.	...	...	...	...	...	...	...	...	...
42. Madag do.	...	...	...	...	...	...	...	...	...
43. Asundi do.	...	...	...	...	...	...	...	...	...
44. Mávinkop do.	...	...	...	...	...	...	...	...	...
45. Dharma Canal	2,266	487	34	2,787	...	2,787	...	68	68
Total ...	3,584	771	54	4,409	...	4,409	14,747	108	14,855
Under Construction.									
46. Victoria Tank	20	4	...	24	121	—97	...	1	1
47. Futolao Tank	5,123	1,100	77	6,300	...	6,300	...	2,401	2,401
48. Suki River	...	...	...	...	...	...	...	...	...
Total ...	5,143	1,104	77	6,324	121	6,203	...	2,402	2,402
In Abeyance.									
49. Gokák Canal, 2nd Section	...	...	...	...	...	...	...	...	...
Total, Minor Works ...	8,727	1,875	131	10,733	121	10,612	14,747	2,510	17,257
Grand Total ...	32,26,117	6,15,034	11,584 (a)—13,537	38,39,198	3,119	38,36,079	29,721	88,352	1,18,073

I-B—*concluded.*

Grand Total.	To end of Year. Direct Charges. Works.	Establishment.	Tools and Plant.	Total.	Deduct—Receipts on Capital Account.	Total.	Indirect Charges. Capitalization.	Leave and Pension Allowances.	Total.	Grand Total.
11	13	13	14	15	16	17	18	19	20	21
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
39,26,283	8,90,49,149	72,48,066	15,44,600 (a) 8,764	4,78,50,579	41,242	4,78,09,337	9,32,075	11,26,676	20,58,751	4,98,68,088
16,409	48,30,852	11,05,237	76,654	60,12,743	11,722	60,01,021	2,82,516	1,98,120	4,80,636	64,81,657
...	39,984	13,611	208	53,803	...	53,803	917	2,722	3,639	57,442
...	3,43,053	1,16,100	3,512	4,62,665	540	4,62,125	3,875	21,650	25,525	4,87,650
...	1,11,830	26,360	2,294	1,40,484	267	1,40,217	14,386	4,104	18,490	1,58,707
...	13,105	3,118	140	16,363	...	16,363	13	542	555	16,918
...	11,00,148	1,81,106	21,236	13,02,490	740	13,01,750	53,279	26,893	80,172	(b) 13,81,922
...	49,262	10,769	878	60,909	62	60,847	1,034	2,099	3,133	63,980
...	61,881	15,324	1,155	78,360	6	78,354	243	2,795	3,038	81,392
...	1,26,596	31,841	2,825	1,61,262	14	1,61,248	...	6,350	6,350	1,67,598
...	48,805	10,881	1,055	60,741	...	60,741	12,536	1,718	14,254	74,995
...	23,738	6,232	353	30,323	138	30,185	2,101	1,218	3,319	33,504
2,355	67,496	14,572	964	83,032	...	83,032	2	2,040	2,042	85,074
19,264	68,16,750	15,35,151	1,11,274	84,63,175	13,489	84,49,686	3,70,902	2,70,251	6,41,153	90,90,839
—96	45,360	9,465	543	55,368	701	54,667	2,463	1,326	3,789	58,456
8,701	88,009	17,150	1,197	1,06,356	...	1,06,356	...	2,401	2,401	1,08,757
...	12,212	2,749	178	15,139	...	15,139	...	385	385	15,524
8,605	1,45,581	29,364	1,918	1,76,863	701	1,76,162	2,463	4,112	6,575	1,82,737
...	92,036	70,024	14,246	1,76,306	...	1,76,306	740	13,238	13,978	1,90,284
27,869	70,54,367	16,34,539	1,27,438	88,16,344	14,190	88,02,154	3,74,105	2,87,601	6,61,706	94,63,860
39,54,152	4,61,03,516	88,82,605	16,72,038 (a) 8,764	5,66,66,923	55,432	5,66,11,491	13,06,180	14,14,277	27,20,457	5,93,31,948

(a) Suspense Account.

(b) Includes Rs. 4,12,666 charged to 35—Protective Irrigation Works.

E. M. COOK,

Accountant General, Bombay.

STATEMENT

Statement showing the Financial Results of Irrigation Works in

(Realizations under main heads of

Name of Work.	Revenue (Actual Receipts).										Revenue	
	Irrigation.			Navigation.	Plantations.	Water-power.	Miscellaneous.	Total.	Refunds of Revenue.	Gross Revenue, less refunds.	Estab	
	Water-rate directly paid.	Share of Land Revenue.	Total.								Direction.	Executive.
1	2	3	4	5	6	7	8	9	10	11	12	13
MAJOR WORKS.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
35.—*Protective Irrigation Works.*												
1. Pravara River Canal ...	15,274	...	15,274	...	475	...	272	16,021	46	15,975	251	2,271
2. Chankapur Tank ...	10,968	...	10,968	...	...	...	182	11,150	23	11,127	291	4,727
3. Godavari Canal ...	1,98,324	...	1,98,324	...	302	...	10,432	2,09,058	17,622	1,91,436	1,826	17,659
4. Nira Canal including Shetphal Tank ...	5,43,266	...	5,43,266	...	1,667	...	9,789	5,54,722	52	5,54,670	1,918	23,691
5. Mhasvad Tank ...	39,862	...	39,862	...	2,062	...	1,372	43,296	80	43,216	290	6,017
Total ...	8,07,694	...	8,07,694	...	4,506	...	22,047	8,34,247	17,823	8,16,424	4,576	54,365
49.—IRRIGATION WORKS.												
Productive Works.												
9. Háthmati Canal and Khári Cut Canal ...	13,600	...	13,600	...	33	...	11,258	24,891	466	24,425	520	4,285
10. Lower Pánjhra River Works	11,655	3,248	14,903	...	70	...	1,658	16,631	28	16,603	72	721
11. Kádva River Works ...	21,974	594	22,568	...	...	...	1,591	24,159	15	24,144	222	4,434
12. Pravara River Works—Lákh Canal ...	1,316	225	1,541	...	147	...	665	2,353	...	2,353	45	696
13. Mutha Canals and Matoba Tank ...	1,94,717	42	1,94,759	1	2,608	...	1,69,749	3,67,117	393	3,66,724	1,636	17,282
14. Ekruk Tank ...	18,950	...	18,950	...	466	...	62,536	81,952	...	81,952	208	3,095
15. Krishna Canal ...	68,621	...	68,621	...	56	...	10,758	79,435	140	79,295	131	1,331
Total ...	3,30,833	4,109	3,34,942	1	3,380	...	2,58,215	5,96,538	1,042	5,95,496	2,834	31,844
Total, Major Works ...	11,38,527	4,109	11,42,636	1	7,886	...	2,80,262	14,30,785	18,865	14,11,920	7,410	86,209
43.—MINOR WORKS AND NAVIGATION.												
16. Wangroli Tank ...	750	...	750	...	...	...	211	961	98	863	158	1,306
17. Tranza-Nagramma Tanks...	2	60	62	...	...	...	8	76	194	—124	24	194
18. Savli Tank ...	1,340	...	1,340	...	...	...	362	1,702	2	1,700	67	554
19. Sahiat do. ...	295	...	295	...	...	...	72	367	1	366	89	736
20. Hartála do. ...	198	...	198	...	11	...	298	507	...	507	6	136
21. Mhasva do. ...	969	...	969	...	103	...	2,239	3,311	...	3,311	24	381
22. Jámda Canals ...	9,299	...	9,299	...	2,365	...	500	12,164	...	12,164	142	1,802
23. Parsul Tank ...	4,978	...	4,978	...	...	...	252	5,230	26	5,204	40	1,180
24. Pravara Left Bank Canal...	27	76	103	...	17	...	3,163	3,283	...	3,283	68	611
25. Bhátodi Tank ...	4,125	2,219	6,344	...	125	...	2,122	8,591	112	8,479	28	196
26. Kásurdi do. ...	337	...	337	...	...	...	186	523	...	523	8	62
27. Shirsuphal do. ...	3,549	...	3,549	...	16	...	106	3,671	...	3,671	23	190
28. Bhádalwádi do. ...	6,062	...	6,062	...	...	...	88	6,150	...	6,150	33	290
29. Koregaon do. ...	2,814	...	2,814	...	...	...	42	2,856	...	2,856	13	263
30. Ashti do. ...	17,370	...	17,370	...	91	...	1,302	18,763	...	18,763	97	1,703
31. Pathri do. ...	7,316	...	7,316	...	11	...	249	7,576	...	7,576	33	249
32. Revári Canal ...	6,806	...	6,806	...	...	...	109	6,915	...	6,915	25	277
33. Upper Mán River Works...	4,171	...	4,171	...	...	...	200	4,371	...	4,371	28	429
34. Yerla River Irrigation Works ...	19,611	...	19,611	...	...	...	1,875	21,486	...	21,486	95	592
35. Chikhli Canal ...	2,560	...	2,560	...	...	...	163	2,723	6	2,717	10	99
36. Maini Tank ...	7,847	...	7,847	...	...	...	78	7,925	...	7,925	38	515
37. Muchkundi do. ...	...	...	...	...	...	...	1,508	1,508	...	1,508	3	144
38. Gadikeri do. ...	...	2,061	2,061	...	...	...	...	2,061	...	2,061	...	...
39. Gokák Canal, First Section, and Storage Works ...	27,526	...	27,526	...	300	14,313	3,846	45,985	47	45,938	131	2,094
40. Dámbal Tank ...	27	916	943	...	...	...	237	1,180	...	1,180	12	552
41. Medleri do. ...	395	...	395	...	...	...	251	646	...	646	10	492
42. Madag do. ...	1,636	...	1,636	...	157	...	106	1,899	...	1,899	24	947
43. Asundi do. ...	770	687	1,457	...	...	...	30	1,487	...	1,487	12	555
44. Mávinkop do. ...	...	2,244	2,244	...	...	...	...	2,244	...	2,244	5	270
45. Dharma Canal ...	1,336	—4,961	—3,625	...	...	...	118	—3,507	...	—3,507	73	1,720
47. Futelao Tank ...	...	...	...	...	...	...	87	87	...	87	...	...
Total, Minor Works and Navigation	1,32,116	3,302	1,35,418	...	3,196	14,313	19,808	1,72,735	486	1,72,249	1,319	18,539
GRAND TOTAL ...	12,70,643	7,411	12,78,054	1	11,082	14,313	3,00,070	16,03,520	19,351	15,84,169	8,729	1,04,748

I-C.

Deccan and Gujarát for the year ending 31st March 1916.

Revenue and Working Expenses.)

Management.			Maintenance and Repairs.												
Establishment.		Total Revenue Management.	Establishment.				Works.	Repairs.	Sundries.	Tools and Plant.	Plantations.	Total Cost of Maintenance.	Indirect Charges.	Grand Total, Working Expenses.	Net Revenue.
Navigation.	Civil Officers.		Direction.	Executive.	Medical.	Total.									
14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
...	770	3,292	309	2,803	...	3,111	...	12,133	...	186	865	19,587	789	20,376	—4,401
...	548	5,566	135	2,247	...	2,385	113	8,408	...	143	702	17,817	1,036	18,853	—7,726
...	10,257	2,742	1,964	19,186	...	21,170	601	78,680	...	1,270	9,912	1,41,375	5,691	1,47,066	44,370
...	27,245	52,854	1,367	16,885	...	18,252	13,612	58,275	...	2,179	4,611	1,49,783	6,140	1,55,923	3,98,747
...	2,053	8,360	100	2,065	...	2,165	2,015	6,017	...	130	629	19,316	1,186	20,502	22,714
...	40,873	90,814	3,898	43,185	...	47,083	16,341	1,64,013	...	3,908	16,719	3,47,878	14,842	3,62,720	4,53,704
...	680	5,485	785	6,462	...	7,247	10,217	18,816	...	591	313	42,669	1,687	44,356	—19,931
...	1,322	2,115	74	737	...	811	587	2,520	...	49	138	6,220	225	6,445	10,158
...	1,099	5,755	80	1,595	...	1,675	539	5,814	...	101	492	14,376	886	15,262	8,882
...	69	810	22	351	...	373	...	1,490	...	22	...	2,695	156	2,851	—498
...	9,545	28,463	1,512	15,973	...	17,485	6,793	77,690	—1,573	18,991	997	1,48,846	5,096	1,53,942	2,12,782
...	948	4,251	111	1,659	...	1,770	414	6,105	...	106	561	13,207	710	13,917	68,035
...	4,323	5,785	131	1,324	...	1,455	...	5,390	404	87	430	13,551	408	13,959	65,336
...	17,986	52,664	2,715	28,101	...	30,816	18,550	1,17,825	—1,169	19,947	2,931	2,41,564	9,168	2,50,732	3,44,764
...	58,859	1,52,478	6,613	71,286	...	77,899	34,891	2,81,838	—1,169	23,855	19,650	5,89,442	24,010	6,13,452	7,98,468
...	38	1,502	239	1,970	...	2,209	1,113	7,771	...	180	55	12,830	514	13,344	—12,481
...	6	224	35	294	...	329	558	739	...	27	20	1,897	77	1,974	—2,098
...	67	688	102	835	...	937	393	3,722	...	77	25	5,842	218	6,060	—4,360
...	13	838	135	1,108	...	1,243	642	4,301	...	101	30	7,155	290	7,445	—7,079
...	23	165	1	37	...	38	...	152	...	2	...	357	25	382	125
...	48	453	11	183	...	194	242	560	...	12	200	1,661	189	1,850	1,461
...	465	2,409	97	1,232	...	1,329	2,548	2,450	...	79	402	9,217	458	9,675	2,489
...	249	1,469	9	266	...	275	747	404	...	17	12	2,924	209	3,133	2,071
...	8	687	87	775	...	862	...	2,649	...	52	1,337	5,587	216	5,803	—2,520
...	414	638	61	435	...	496	576	1,336	...	30	74	3,150	101	3,251	5,228
...	17	87	11	95	...	106	80	344	...	6	...	623	25	648	—125
...	178	391	36	290	...	326	144	1,134	...	20	25	2,040	75	2,115	1,556
...	303	626	41	368	...	409	67	1,538	...	25	32	2,697	102	2,799	3,351
...	141	417	5	92	...	97	...	379	...	6	8	907	52	959	1,897
...	899	2,699	41	727	...	768	...	2,609	...	46	463	6,585	467	7,052	11,711
...	366	648	58	447	...	505	679	1,287	...	29	204	3,352	110	3,462	4,114
...	340	642	21	235	...	256	...	943	...	15	80	1,936	78	2,014	4,901
...	208	665	14	220	...	234	...	785	...	14	151	1,849	97	1,946	2,425
...	981	1,668	306	1,920	...	2,226	...	8,263	...	134	640	12,931	408	13,339	8,147
...	128	237	11	105	...	116	...	428	...	7	36	824	31	855	1,862
...	392	945	24	321	...	345	...	1,152	...	21	228	2,691	126	2,817	5,108
...	...	147	1	23	...	24	...	120	...	1	...	292	24	316	1,192
...	206	206	5	19	...	24	...	110	...	...	...	340	3	343	1,718
...	1,430	3,655	63	1,016	...	1,079	1,425	4,315	...	61	...	10,535	463	10,998	34,940
...	93	657	1	70	...	71	...	438	...	4	...	1,170	89	1,259	—79
...	22	524	1	61	...	62	...	250	...	4	...	840	79	919	—273
...	82	1,053	4	149	...	153	...	509	...	9	103	1,827	157	1,984	—85
...	107	674	1	71	...	72	...	288	...	4	...	1,038	89	1,127	360
...	224	499	1	35	...	36	...	242	...	2	...	779	44	823	1,421
...	—423	1,370	3	74	...	77	...	789	...	26	...	2,262	262	2,524	—6,031
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	87
...	7,025	26,883	1,425	13,473	...	14,898	9,214	50,007	...	1,011	4,125	1,06,138	5,078	1,11,216	61,033
...	65,884	1,79,361	8,038	84,759	...	92,797	44,105	3,31,845	—1,169	24,866	23,775	6,95,580	29,088	7,24,668	8,59,501

E. M. COOK,
Accountant General, Bombay.

STATEMENT

Statement showing the Financial Results of Irrigation Works in the

Number of Works	Name of Works.	Mileage in operation.		Estimated cost of construction (direct and, indirect).	Date of completion of work (P. W. Code II, 1918).	Date when system first came into operation.	General Financial Results to end: Total Capital outlay (direct and indirect).	Accumulated arrears of interest.	Accumulated surplus revenues.
		Main canals and branches.	Distributaries.						
1	2	3	4	5	6*a*	6*b*	7	8	9
	MAJOR WORKS.	Miles.	Miles.	Rs.	Date.	Date.	Rs.	Rs.	Rs.
	35.—Protective Irrigation Works.								
	In Operation.								
1	Pravara Canal	33·00	13·00	76,10,826	Not completed.	1909-10 ...	59,19,491	6,01,370	...
2	Chankápur Tank	13·11	9·93	17,02,829	1909-10 ...	1909-10 ...	18,84,810	6,09,494	...
3	Godávari Canal	110·00	57·46	98,36,251	1915-16 ...	1911-12 ...	98,36,251	15,22,797	...
4	Nira Canal including Shetphal Tank ...	106·79	139·00	64,61,071	1898-99 ...	1895-96 ...	64,61,071	24,60,508	...
5	Mhaswad Tank	66·25	41·00	20,96,016	1900-01 ...	1884-85 ...	20,96,016	22,53,309	...
6	Gokák Canal, 1st Section	.....	.....	4,12,666	1896-97 ...	1884-85 ...	4,12,666	5,18,928	...
	Total ...	329·15	260·39	2,81,19,659	.....	.....	2,66,10,305	79,66,406	...
	Under Construction.								
7	Málávlevi Tank	.....	.....	3,14,574	Not completed.	Under construction.	3,11,928	1,90,893	...
8	Budhihal Tank	.....	.....	14,54,611			5,09,166	1,84,312	...
9	Nira Right Bank Canal	.....	.....	2,57,72,499			94,90,654	5,25,921	...
	Total ...	.....	.....	2,75,41,684	.....	.....	1,03,11,748	9,01,126	...
	Total, Protective Works ...	329·15	260·39	5,56,61,343	.....	.....	3,69,22,053	88,67,532	...
	49.—Irrigation Productive Works.								
10	Háthmati Canal, including Khári Cut Canal.	60·00	57·00	13,15,973	1883-84 ...	1873-74 ...	13,15,973	7,99,692	...
11	Lower Pánjhra River Works	.....	45·00	4,68,621	1894-95 ...	1851-52 ...	4,68,621	4,77,732	...
12	Kádwa River Works	24·12	14·36	10,34,191	1907-08 ...	1868-69 ...	10,34,191	9,94,691	...
13	Pravara River Works—Lákh Canal... ...	23·00	9·37	3,71,891	1893-94 ...	1869-70 ...	3,71,891	8,96,913	...
14	Mutha Canal, including Mátoba Tank ...	88·00	87·00	78,83,643	1896-97 ...	1874-75 ...	78,85,163	39,01,095	...
15	Ekrúk Tank	48·00	1·68	13,40,386	1890-91 ...	1872-73 ...	13,40,386	16,37,453	...
16	Krishna Canal	63·87	.....	9,46,769	1891-92 ...	1869-70 ...	9,42,476	6,48,368	...
	Total, Productive Works ...	306·99	214·41	1,33,61,474	.....	.....	1,33,58,701	93,55,944	...
	Total, Major Works ...	636·14	474·80	6,90,22,817	.....	.....	5,02,80,754	1,82,23,476	...
	43.—Minor Works and Navigation—Irrigation Works.								
17	Wangroli Tank	13·79	.....	2,90,346	1908-09 ...	1904-05 ...	2,86,431	1,19,958	...
18	Tranza Nagrama Tanks	7·60	.....	2,80,635	1909-10 ...	1904-05 ...	2,80,635	1,22,753	...
19	Sávli Tank	8·35	1·32	2,55,210	1909-10 ...	1908-09 ...	2,55,210	1,20,709	...
20	Sahiat Tank	9·25	0·85	1,84,029	1911-12 ...	1910-11 ...	1,84,029	1,00,739	...
21	Hartála do.	.....	5·50	73,382	1886-87 ...	1872-73 ...	73,382	60,414	...
22	Mhaswa do.	.....	7·00	1,38,956	1886-87 ...	1877-78 ...	1,38,956	2,06,287	...
23	Jámda Canal	39·00	75·00	10,41,089	1901-02 ...	1870-71 ...	10,41,089	20,83,999	...
24	Parsul Tank	.....	4·75	2,18,946	1894-95 ...	1889-90 ...	2,14,995	2,04,614	...
25	Pravara Left Bank Canal	19·00	21·00	3,47,550	1892-93 ...	1874-75 ...	3,47,550	5,53,303	...
26	Bhátodi Tank	4·50	2·56	3,79,707	1891-92 ...	1871-72 ...	3,79,707	6,08,830	...
27	Kásurdi do.	.....	1·75	45,590	1877-78 ...	1869-70 ...	45,590	93,271	...
28	Shirsuphal Tank	.....	12·50	2,24,568	1893-94 ..	1879-80 ...	2,24,568	2,91,335	...
29	Bhádalwádi do.	.....	9·75	2,27,422	1890-91 ...	1881-82 ...	2,27,422	2,67,768	...
30	Koregaon do.	3·75	.....	39,189	1891-92 ...	1868-69 ...	39,189	64,246	...
31	Ashti do.	27·50	3·15	8,36,091	1892-93 ...	1881-82 ...	8,36,091	10,24,004	...
32	Páthri do.	4·06	3·33	6,42,846	1908-09 ...	1906-07 ...	6,42,846	2,58,942	...
33	Rewári Canal	10·25	.....	59,811	1892-93 ...	1865-66 ..	59,811	33,162	...
34	Upper Mán River Works	17·50	6·50	4,39,286	1891-92 ...	1872-73 ...	4,39,286	6,36,753	...
35	Yerla River Irrigation Works	33·33	4·00	7,71,814	1894-95 ...	1869-70 ...	7,64,870	9,34,730	...
36	Chikhli Canal	6·50	.....	57,442	1882-83 ...	1870-71 ...	57,442	95,102	...
37	Maini Tank	9·25	7·58	4,87,650	1891-92 ...	1875-76 ...	4,87,650	5,89,148	...
38	Muchkundi Tank	.....	.....	1,58,707	1890-91 ...	1884-85 ...	1,58,707	1,77,473	...
39	Gadikeri Tank	.....	.....	16,918	1881-82 ...	1882-83 ...	16,918	.....	41,624
40	Gokák Canal, First Section, and Storage Works	16·13	35·43	9,69,256	1896-97 ...	1884-85 ...	9,69,256	14,146	...
41	Dámbal Tank	.....	3·27	63,980	1885-86 ...	1880-81 ...	63,980	64,055	...
42	Medíeri do.	.....	4·67	81,392	1887-88 ...	1884-85 ...	81,392	1,19,156	...
43	Mádag do.	9·00	.....	1,67,598	1888-89 ...	1866-67 ...	1,67,598	3,05,508	...
44	Asundi do.	.....	4·86	74,905	1889-90 ...	1884-85 ...	74,905	93,289	...
45	Mávinkop Tank	.....	2·79	33,504	1881-82 ...	1882-83 ...	33,504	2,383	...
4	Dharma Canal	19·00	13·00	98,334	Not completed.	1913-14 ...	85,074	27,982	...
	Total ...	258·36	230·76	87,06,243	.....	.....	86,78,173	92,73,659	41,624
	Under Construction.								
47	Victoria Tank	.....	.....	4,61,003	Not completed.	Under construction.	58,456	20,543	...
48	Suki River	.....	.....	.....			15,524	2,376	...
49	Futelao	.....	.....	1,10,785			1,08,757	3,497	...
	Total ...	.....	.....	5,71,788	.....	.....	1,82,737	26,396	...
	In Abeyance.								
50	Gokák Canal, Second Section	.....	.....	1,91,995	.....	.....	1,90,284	2,60,578	...
	Total, Minor Works	258·36	230·76	94,70,026	.....	.....	90,51,194	95,60,633	41,624
	Grand Total ...	894·50	705·56	7,84,92,843	.....	.....	5,93,31,948	2,77,84,109	41,624

II-C.

Deccan and Gujarát for, and up to the end of, 1915-1916.

of 1915-1916.	Financial Results of the year 1915-1916.									
Total sum-at-charge (column 7+column 8).	Gross receipts (direct and indirect).	Working expenses (direct and indirect).	Net revenue.	Percentage on Capital outlay, column 7.	Percentage on sum-at-charge, column 10.	Interest at 3·4725 per cent. on direct Capital outlay to end of previous year, *plus* half the outlay of the year.	Net profit.	Net loss.	Area irrigated.	Percentage of working expenses to receipts (column 11 to column 12).
10	11	12	13	14	15	16	17	18	19	20
Rs.	Rs.	Rs.	Rs.	Per cent.	Per cent.	Rs.	Rs.	Rs.	Acres.	Per cent.
65,20,881	15,975	20,376	−4,401	.....	.....	1,85,645	...	1,90,046	3,694	127·55
24,94,304	11,127	18,853	−7,726	.....	.....	62,682	...	70,408	1,711	169·44
1,13,59,048	1,91,436	1,47,066	44,370	0·45	0·39	3,19,822	...	2,75,452	19,978	76·82
89,21,579	5,54,670	1,56,923	3,98,747	6·17	4·47	2,11,672	1,87,075	.....	50,858	28·11
43,49,325	43,216	20,502	22,714	1·08	0·52	69,643	...	46,929	7,305	47·44
9,31,594	.....	.....	.....	.....	.....	13,922	...	13,922	.....	.....
3,45,76,711	8,16,424	3,62,720	4,53,704	1·70	1·31	8,63,386	...	4,09,682	83,546	44·43
5,02,821	.....	.....	.....	.....	.....	10,490	...	10,490	.....	.....
6,93,478	.....	.....	.....	.....	.....	17,013	...	17,043	.....	.....
1,00,16,575	.....	.....	.....	.....	.....	2,78,134	...	2,78,134	.....	.....
1,12,12,874	.....	.....	.....	.....	.....	3,05,667	...	3,05,667	.....	.....
4,57,89,585	8,16,424	3,62,720	4,53,704	1·23	0·99	11,69,053	...	7,15,349	83,546	44·43
21,15,665	24,425	44,356	−19,931	.....	.....	43,093	...	63,024	1,506	181·60
2,46,353	16,603	6,445	10,158	2·17	1·07	15,466	...	5,308	4,083	38·82
20,28,882	24,144	15,262	8,882	0·86	0·44	33,744	...	24,862	3,106	63·21
12,68,804	2,353	2,851	−498	.....	.....	12,238	...	12,736	590	121·16
1,17,86,258	3,66,724	1,53,942	2,12,782	2·70	1·91	2,60,526	...	47,744	11,524	41·98
29,77,839	81,952	13,917	68,035	5·03	2·28	42,646	25,389	.....	2,936	16·98
16,90,844	79,295	13,959	65,336	6·93	4·11	30,916	34,420	.....	3,424	17·60
2,27,14,645	5,95,496	2,50,732	3,44,764	2·58	1·52	4,38,629	...	93,665	27,169	42·10
6,85,04,230	14,11,920	6,13,452	7,98,468	1·59	1·17	16,07,682	...	8,09,214	1,10,715	43·45
4,66,389	863	13,344	−12,481	.....	.....	8,180	...	20,661	.....	1,546·23
4,03,388	−124	1,974	−2,098	.....	.....	8,266	...	10,364	49	.....
3,75,919	1,700	6,060	−4,360	.....	.....	8,132	...	12,492	583	356·47
2,84,768	856	7,415	−7,079	.....	.....	5,502	...	12,581	12	2,034·15
1,33,796	507	382	125	0·17	0·09	1,665	...	1,540	112	75·35
3,45,213	3,311	1,850	1,461	1·05	0·42	4,472	...	3,011	755	55·87
31,25,088	12,164	9,675	2,489	0·24	0·08	34,418	...	31,929	2,153	79·54
4,13,609	5,204	3,133	2,071	0·96	0·49	7,223	...	5,152	1,336	60·20
9,00,853	3,228	5,803	−2,520	.....	.....	11,262	...	13,782	1,211	176·76
9,38,537	8,479	3,251	5,228	1·38	0·53	12,247	...	7,019	1,021	38·34
1,38,861	523	648	−125	.....	.....	1,417	...	1,542	114	123·90
5,15,903	3,671	2,115	1,556	0·69	0·30	7,369	...	5,813	1,932	57·61
4,95,190	6,150	2,789	3,351	1·47	0·68	7,400	...	4,049	1,429	45·51
1,03,435	2,856	959	1,897	4·34	1·83	1,317	580	.....	615	33 58
18,60,095	18,763	7,052	11,711	1·40	0·62	26,289	...	14,578	3,043	37·58
9,01,788	7,576	3,462	14,114	0·64	0·46	21,801	...	17,687	1,476	45·70
92,973	6,915	2,014	4,901	8·19	5·27	1,972	2,929	.....	951	29·13
10,75,639	4,371	1,946	2,425	0·55	0·23	14,440	...	12,015	877	44·52
16,99,600	21,436	13,339	8,147	1·07	0·48	24,986	...	16,839	4,003	62·08
1,52,544	2,717	855	1,862	3·24	1·22	1,868	...	6	232	31·47
10,76,798	7,925	2,817	5,108	1·05	0·47	16,047	...	10,939	1,743	35·55
3,36,180	1,508	316	1,192	0·75	0·35	4,869	...	3,677	.....	20·95
16,918	2,061	343	1,718	10·15	10·15	568	1,150	.....	377	16·64
9,83,402	45,938	10,998	34,940	3·60	3·55	31,281	3,659	.....	4,666	23·94
1,23,035	1,150	1,259	−79	.....	.....	2,113	...	2,192	144	109·69
2,00,518	646	919	−273	.....	.....	2,721	...	2,994	72	142·26
4,73,106	1,899	1,984	−85	.....	.....	5,599	...	5,684	514	104·48
1,68,284	1,487	1,127	360	0·43	0·21	2,109	...	1,749	320	75·79
35,887	2,244	823	1,421	4·24	3·96	1,048	373	.....	597	36·68
1,13,056	−3,597	2,524	−6,031	.....	.....	2,835	...	8,866	8,383	.....
1,79,51,832	1,72,162	1,11,216	60,946	0·70	0·34	2,79,416	...	2,18,470	37,820	64·60
78,999	.....	.....	.....	.....	.....	1,900	...	1,900	.....	.....
17,880	.....	.....	.....	.....	.....	526	...	526	.....	.....
1,12,254	87	.....	87	0·08	0·08	3,584	...	3,497	.....	.....
2,09,133	87	.....	87	0·05	0·04	6,010	...	5,923	.....	.....
4,50,862	.....	.....	.....	.....	.....	6,122	...	6,122	.....	.....
1,86,11,827	1,72,249	1,11,216	61,033	0·67	0·33	2,91,538	...	2,30,515	37,820	64·57
8,71,16,057	15,84,169	7,24,668	8,59,501	1·45	0·99	18,99,230	...	10,39,729	1,48,535	45·74

E. M. COOK,
Accountant General, Bombay.

STATEMENT III-C.

Demands and Realizations during the year 1915-1916 in Deccan and Gujarát.

	Irrigation Works.	Balance of demands unrealized at commencement of year. (b)	Demands of the year (a). Rabi, 1914-1915.	Kharif, 1915-1916.	Miscellaneous Receipts.	Total.	Total including Balance at commencement of year.	*Deduct*—Remissions not including Cash Refunds.	Net Total.	*Deduct*—Amount unrealized at close of year.	Actual Realizations of the year.
	1	2	3	4	5	6	7	8	9	10	11
	MAJOR WORKS.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
	35.—Protective Irrigation Works.										
1	Pravara River Canal... ...	582	9,059	5,333	737	15,129	15,711	27	15,684	(d)—337	16,021
2	Chankápur Tank	13	8,180	2,796	182	11,158	11,171	.....	11,171	21	11,150
3	Godávari Canal	33,021	70,737	98,409	9,785	1,78,931	2,11,952	585	2,11,367	2,309	2,09,058
4	Nira Canal and Shetphal Tank	6,663	97,405	4,45,720	10,449	5,53,574	5,60,237	32	5,60,205	5,483	5,54,722
5	Mhasvad Tank	—910	30,033	10,092	3,434	43,559	42,649	122	42,527	(d)—769	43,296
	Total, Protective Works ...	39,369	2,15,414	5,62,350	24,587	8,02,351	8,41,720	766	8,40,954	6,707	8,34,247
	49.—Irrigation Productive Works.										
9	Háthmati Canal and Khári Cut Canal	918	10,663	4,036	11,291	25,990	26,908	929	25,979	1,088	24,891
10	Lower Pánjhra River Works.	102	(c) 3,469	(c) 8,258	1,728	13,455	13,557	.....	13,557	174	13,383
11	Kádwa River Works... ...	1,709	12,268	10,454	1,638	24,360	26,069	9	26,060	2,495	23,565
12	Pravara River Works—Lákh Canal	—127	764	545	811	2,120	1,993	.....	1,993	(d)—135	2,128
13	Mutha Canals and Mátoba Tank	17,437	11,985	1,87,398	1,71,836	3,71,219	3,88,656	12	3,88,644	21,569	3,67,075
14	Ekrúk Tank	1,317	7,180	13,296	63,002	83,478	84,795	.....	84,795	2,843	81,952
15	Krishna Canal	4,013	22,750	45,976	11,035	79,761	83,774	49	83,725	4,290	79,435
	Total, Productive Works ...	25,369	69,079	2,69,963	2,61,341	6,00,383	6,25,752	999	6,24,753	32,324	5,92,429
	Total, Major Works ...	64,738	2,84,493	8,32,313	2,85,928	14,02,734	14,67,472	1,765	14,65,707	39,031	14,26,676
	43.—Minor Works and Navigation.										
16	Wangroli Tank	904	125	...	211	336	1,240	338	902	(d)—59	961
17	Tranza-Nagramma Tank ...	—198	...	...	8	8	—190	.....	—190	(d)—200	10
18	Sávli Tank	120	214	...	362	576	696	68	628	(e)—1,074	1,702
19	Sabiat do.	123	636	...	72	708	831	.....	831	464	367
20	Hartála do.	...	90	108	310	508	508	.....	508	1	507
21	Mhasva do.	43	674	252	3,384	4,310	4,353	.....	4,353	1,042	3,311
22	Jámda Canals	65	3,099	6,205	2,865	12,169	12,234	.....	12,234	70	12,164
23	Parsul Tank	986	3,768	1,871	252	5,891	6,877	.....	6,877	1,647	5,230
24	Pravara Left Bank Canal ...	37	27	...	3,088	3,115	3,152	.....	3,152	(d)—55	3,207
25	Bhátodi Tank	756	2,698	103	2,247	5,048	5,804	118	5,686	(d)—686	6,372
26	Kásurdi do.	...	209	128	186	523	523	.....	523	...	523
27	Shirsuphal do.	20	1,403	2,130	118	3,651	3,671	.....	3,671	...	3,671
28	Bhádalvádi do.	...	2,686	3,382	88	6,156	6,156	.....	6,156	6	6,150
29	Koregaon do.	...	2,320	499	42	2,861	2,861	.....	2,861	5	2,856
30	Ashti do.	—178	13,705	3,665	1,393	18,763	18,585	.....	18,585	(d)—178	18,763
31	Páthri do.	...	5,984	1,331	260	7,575	7,575	.....	7,575	(d)—1	7,576
32	Revári Canal	...	4,796	2,010	109	6,915	6,915	.....	6,915	...	6,915
33	Upper Mán River Works ...	123	4,033	190	200	4,423	4,546	123	4,423	52	4,371
34	Yerla River Irrigation Works.	—23	17,400	2,151	1,875	21,486	21,458	.....	21,458	(d)—28	21,486
35	Chikhli Canal	7	1,689	864	163	2,716	2,723	.....	2,723	...	2,723
36	Maini Tank	...	7,158	689	78	7,925	7,925	.....	7,925	...	7,925
37	Muchkundi Tank	...	...	...	1,508	1,508	1,508	.....	1,508	...	1,508
38	Gadikeri do.	...	...	...	...	...	...	.....	...	...	...
39	Gokák Canal, First Section, and Storage Works ...	509	10,710	17,281	18,095	46,086	46,595	.....	46,595	610	45,985
40	Dambal Tank	...	...	49	237	286	286	.....	286	22	264
41	Medleri do.	...	18	472	251	741	741	.....	741	95	646
42	Madag do.	762	744	1,157	262	2,163	2,925	.....	2,925	1,026	1,899
43	Asundi do.	...	336	434	30	800	800	.....	800	...	800
44	Mávinkop do.	...	...	...	...	...	...	.....	...	...	...
45	Dharma Canal	6,349	...	2,690	118	2,808	9,157	.....	9,157	7,703	1,454
47	Fátelao Tank	...	...	...	87	87	87	.....	87	...	87
	Total, Minor Works ...	10,400	84,582	47,661	37,899	1,70,142	1,80,542	647	1,79,895	10,462	1,69,433
	Grand Total ...	75,138	3,69,075	8,79,974	3,23,827	15,72,876	16,48,014	2,412	16,45,602	49,493	15,96,109

(a) Excluding Irrigation Share of Land Revenue.
(b) Correct balances as now reported by the Revenue Officers in Canal Returns Nos. VI and VII.
(c) Inclusive of assessments shown in Canal Return No. IX.
(d) Excess recovery to be refunded.
(e) Due to excess recovery of Rs. 12 and to collections of Rs. 1,062 out of the Rabi demands for the year 1915-16 being shown in Return No. VII for the year 1915-16.

E. M. COOK,
Accountant General, Bombay.

STATEMENT IV-C.

Statement showing the Financial Results of Irrigation Works in Deccan and Gujarát for the year ended 1915-1916, based on the assessment of the year.

Principal Results and Operations for the year ended 31st March 1916.

	Irrigation Works.	Capital outlay (direct and indirect) to end of year.	Revenue assessed during the year.								Working Expenses, direct and indirect.	Net assessed Revenue of the year.	Percentage on Capital outlay to end of year.
			Direct assessed Revenue.						Indirect Revenue (Land Revenue due to operation of Canal).	Grand Total.			
			Occupier's rate.	Owner's rate.	Plantations.	Water-power.	Navigation.	Miscellaneous. Total.					
	1	2	3	4	5	6	7	8 9	10	11	12	13	14
		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs. Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
	MAJOR WORKS.												
	35.—Protective Irrigation Works.												
1	Pravara River Canal	59,19,401	13,773	...	475	...	...	262 14,510	.....	14,510	20,376	—5,866	(a)
2	Chandápur Tank	18,81,810	11,591	...	...	...	...	182 11,773	.....	11,773	18,853	—7,080	(a)
3	Godávari Canal	98,36,251	1,75,161	...	302	...	...	9,483 1,84,949	.....	1,84,949	1,47,066	37,883	0·39
4	Nira Canal including Shetphal Tank.	64,61,071	5,01,512	...	1,657	...	...	8,782 5,11,951	.....	5,11,951	1,55,923	3,56,028	5·51
5	Mhasvad Tank	20,96,016	37,355	...	2,062	...	...	1,372 40,789	.....	40,789	20,502	20,287	0·97
	Total, Protective Works ...	2,61,97,639	7,39,305	...	4,506	...	...	20,081	7,63,982	.....	7,63,982	3,62,720	4,01,262	1·53
	49.—Irrigation Productive Works.												
9	Háthmati Canal and Khári Cut Canal	13,15,973	4,318	...	38	...	...	11,258 15,609	.....	15,609	44,356	—28,747	(a)
10	Lower Pánjhra River Works ...	4,68,621	12,497	...	70	...	...	1,658 14,225	3,248	17,473	6,445	11,028	2·35
11	Kádwa River Works	10,34,191	22,465	...	47	...	...	1,591 24,104	594	24,698	15,262	9,436	0·91
12	Pravara River Works—Lákh Canal .	3,71,891	1,141	...	147	...	...	684 1,952	225	2,177	2,851	—674	(a)
13	Mutha Canals and Mátoba Tank ...	78,85,163	1,9e,434	...	2,608	...	1	1,69,227 3,71,270	42	3,71,312	1,53,942	2,17,370	2·6
14	Ekrúk Tank	13,40,386	19,245	...	466	...	...	62,536 82,248	.....	82,248	13,917	68,331	5·0
15	Krishna Canal	9,42,476	71,201	...	56	...	...	10,979 82,236	.....	82,236	13,959	68,277	7·24
	Total, Productive Works ...	1,33,58,701	3,30,303	...	3,427	...	1	2,57,913 5,91,644	4,109	5,95,753	2,50,732	3,45,021	2·58
	Total, Major Works ...	3,95,56,340	10,69,608	...	7,933	...	1	2,77,994 13,55,626	4,109	13,59,735	6,13,452	7,46,283	1·89
	43.—Minor Works and Navigation.												
16	Wangroli Tank	2,86,431	...	...	...	...	...	211 211	.....	211	13,344	—13,133	(a)
17	Tranza-Nagramma Tank	2,80,625	...	...	...	...	...	8 8	60	68	1,974	—1,906	(a)
18	Sávli Tank	2,55,210	1,096	...	...	...	...	362 1,458	.....	1,458	6,060	—4,602	(a)
19	Sáhiat do.	1,84,029	...	...	...	...	...	72 72	.....	72	7,445	—7,373	(a)
20	Hartála do.	72,3-2	295	...	11	...	...	299 605	.....	605	382	223	0·30
21	Mhasva do.	1,38,956	1,673	...	103	...	...	3,281 5,057	.....	5,057	1,850	3,207	2·31
22	Jámda Canals	10,41,089	9,193	...	2,365	...	...	500 12,058	.....	12,058	9,675	2,383	0·23
23	Parsul Tank	2,14,995	6,191	...	...	...	...	252 6,443	.....	6,443	3,133	3,310	1·54
24	Pravara Left Bank Canal ...	3,47,550	3,745	...	16	...	...	3,072 6,833	76	6,909	5,803	1,106	0·32
25	Bhátodi Tank	3,79,707	4,218	...	125	...	...	2,122 6,465	2,219	8,684	3,251	5,433	1·43
26	Kásurdi do.	45,590	488	...	38	...	...	148 674	.....	674	648	26	0·06
27	Shirsuphal do.	2,24,568	3,990	...	16	...	...	102 4,108	.....	4,108	2,115	1,993	0·89
28	Bhádalvádi do.	2,27,422	5,870	...	13	...	...	75 5,958	.....	5,958	2,799	3,159	1·39
29	Koregaon do.	39,189	3,125	...	...	...	...	42 3,167	.....	3,167	959	2,208	5·63
30	Ashti do.	8,36,091	15,246	...	91	...	...	1,302 16,639	.....	16,639	7,052	9,587	1 15
31	Páthri do.	6,42,845	6,803	...	11	...	...	249 7,063	.....	7,063	3,462	3,601	0·56
32	Revári Canal	59,811	5,940	...	...	...	...	109 6,049	.....	6,049	2,014	4,035	6·75
33	Upper Mán River Works	4,39,286	3,666	...	...	...	...	200 3,866	.....	3,866	1,946	1,920	0·44
34	Yerla River Irrigation Works ...	7,64,870	17,256	...	...	...	...	1,875 19,131	.....	19,131	13,339	5,792	0·76
35	Chikhli Canal	57,442	1,738	...	...	...	...	163 1,901	.....	1,901	855	1,046	1·82
36	Maini Tank	4,87,650	7,153	...	...	...	...	78 7,231	.....	7,231	2,817	4,414	0·91
37	Muchkandi Tank	1,58,707	...	...	...	...	...	1,508 1,508	.....	1,508	316	1,192	0·75
38	Gadikeri do.	16,918	...	...	...	...	...	... ...	2,061	2,061	343	1,718	10·15
39	Gokák Canal, First Section, and Storage Works	13,81,922	24,304	...	300	14,313	...	3,482 42,399	.....	42,399	10,998	31,401	2·27
40	Dambal Tank	63,980	325	...	...	...	...	237 562	916	1,478	1,259	219	0·34
41	Medleri do.	81,392	528	...	...	...	...	251 779	.....	779	919	—140	(a)
42	Mádag do.	1,67,598	2,041	...	157	...	...	105 2,303	.....	2,303	1,984	319	0·19
43	Asundi do.	74,995	655	...	...	...	...	30 685	687	1,372	1,127	245	0·33
44	Mávinkop do.	33,504	...	...	...	...	...	... ...	2,244	2,244	823	1,421	4·24
45	Dharma Canal	85,074	2,690	...	...	...	...	118 2,808	—4,961	—2,153	2,524	—4,677	(a)
46	Futelao Tank	1,08,757	...	...	...	...	...	87 87	.....	87	...	87	0·08
	Total, Minor Works and Navigation	91,99,596	1,28,229	...	3,246	14,313	...	20,340 1,66,128	3,302	1,69,430	1,11,216	58,214	0·63
	Grand Total ...	4,87,55,936	11,97,927	...	11,179	14,313	1	2,98,334 15,21,754	7,411	15,29,165	7,24,668	8,04,497	1·65

(a) No percentage is calculated, as the net revenue against the work is a minus figure.

E. M. COOK,
Accountant General, Bombay.

STATEMENT

Statement of Area irrigated by Irrigation Works in the

No.	Name of work.	Area irrigated in Acres.					Double-cropped.		Average Discharges, Cubic Feet per Second.			
									At Head.		Utilized.	
		Kharif.	Rabi.	Total.	Flow.	Lift.	Area irrigated.	Percentage of Total Area.	Kharif.	Rabi.	Kharif.	Rabi.
1	2	3	4	5	6	7	8	9	10	11	12	13
	MAJOR WORKS.											
	Protective Works.											
1	Pravara River Works—Pravara Right Bank Canal(*a*).	1,213	2,481	3,694	3,676	18	142	3·84	45·03	37·07	27·35	28·56
2	Girna Left Bank Canal ...	329	1,381	1,710	1,699	11	7	0·41	25·29	41·58	25·29	41·58
3	Godavari Right Bank Canal	3,172	12,927	16,099	16,080	19	131	0·81	81·90	117·57	71·00	109·12
	Lake Beale ... ... (*a*)	237	842	1,079	...	1,079	...	...	...	...	...	...
	Godavari Left Bank Canal	483	2,316	2,799	2,795	4	58	2·07	30·36	53·47	24·24	46·97
4	Nira Canal and Shetphal Tank(*b*).	36,359	(31,826) 9,936	46,295	46,039	256	2,244	4·85	248	357	195	338
		3,416	(2,726) 1,148	4,564	4,542	22	436	9·55	19	28	19	28
5	Mhasvad Tank(*d*)	1,818	5,487	7,305	6,979	326	243	3·33	16·04	77·05	16·04	77·05
	Total ...	47,027	36,518	83,545	81,810	1,735	3,261	3·94	...	...	...	...
	Productive Works.											
9	Háthmati Canal and Khári Cut Canal.	357	175	532	499	33	...	...	23	7	23	7
		970*	6	976	795	181	...	...	35†	13	28†	13
10	Lower Pánjra River Works.	‡1,539	‡273	‡1,812	2,925	...	321	10·97	River flow exceeding 50 cusecs.	9·94	Not known.	9·94
		259	854	1,113								
11	Kádva River Works. Wághad Tank.	...	...	...	...	...	...	...	...	...	...	...
	Pálkhed Canal.	512	1,583	2,095	2,072	23	69	3·29	11·87	20·96	11·87	20·96
	Ojhar-Támbat Canal.	230	567	797	790	7	91	11·41	1·36	7·02	1·36	7·02
	Wadáli Canal(*c*)	37	177	214	214	...	4	1·87	1·54	7·38	1·54	7·38
12	Pravara River Works—Lákh Canal.	284	306	590	533	57	117	19·83	9·41	7·69	7·92	6·67
13	Mutha Canals and Mátoba Tank(*c*).	7,863	(7,198) 1,156	9,019	8,877	142	49	0·54	161·47	135·34	...	...
		1,312	(1,501) 1,193	2,505	2,505	...	...	...	2·24	7·68	2·24	7·68
14	Ekruk Tank	1,835	1,101	2,936	2,888	48	...	...	42·59	65·66	39·58	63·12
15	Krishna Canal	2,670	754	3,424	2,842	582	...	...	65·81	83·69	65·81	83·69
	Total ...	16,329	7,872	24,201	24,940	1,073	651	2·71	...	...	...	...
		‡1,539	‡273	‡1,812								
	Total, Major Works ...	63,356	44,390	107,746	106,750	2,808	3,912	3·63	...	...	...	...
		‡1,539	‡273	‡1,812								
	MINOR WORKS AND NAVIGATION.								M.c.ft.	M.c.ft.	M.c.ft.	M.c.ft.
16	Wangroli Tank	...	...	...	...	...	...	...	...	...	...	...
17	Tranza-Nagramma Tanks ...	...	...	...	...	...	...	...	...	...	...	...
18	Savli Tank	...	550	550	549	1	...	...	...	35·57	...	35·57
19	Sahiat do.	...	...	...	...	...	...	...	...	...	...	...
20	Hartála do.	20	92	112	112	...	...	...	0·21	0·44	0·21	0·44
21	Mhasva do.	60	695	755	750	5	...	...	1·90	10·07	1·90	10·07
22	Jámda Canals	785	1,368	2,153	2,152	1	...	...	41·83	49·30	34·44	35·44
23	Parsul Tank	570	766	1,336	1,336	...	275	20·51	1·75	7·71	1·75	7·71
24	Pravara River Works—Pravara Left Bank Canal.	...	1,212	1,212	1,193	19	...	...	...	9·24	...	5·43
25	Bhátodi Tank	14	1,007	1,021	986	35	...	...	...§	2·32	...§	2·32
26	Kásurdi do.	34	80	114	114	...	...	...	...	...	...	...
27	Shirsuphal do. ...	(190) 544	(843) 489	1,033	1,033	...	...	...	1·57	3·61	1·57	3·61
28	Bhádalvádi do. ...	(165) 811	(1,264) 618	1,429	1,428	1	...	...	0·86	6·71	0·86	6·71
29	Koregaon do.	102	512	614	606	8	...	...	1·01	3·96	1·01	3·96
30	Ashti do.	529	2,514	3,043	3,034	9	...	...	1·88	13·13	1·88	13·13
31	Pathri do.	263	1,213	1,476	1,375	101	...	...	1·04	7·08	1·04	7·08
32	Revári Canal	203	748	951	950	1	61	6·41	2·42	8·09	1·83	5·75
33	Upper Mán River Works ...	71	805	876	875	1	...	...	0·67	11·21	0·64	11·09
34	Yerla River Irrigation Works.	520	3,483	4,003	3,990	13	102	2·55	5·12	34·44	2·99	21·52
35	Chikhli Canal	152	80	232	228	4	11	...	2·85	9·05	2·85	9·05
36	Maini Tank	264	1,479	1,743	1,727	16	...	...	11·95	5·26	11·95	5·26
37	Muchkundi do.	...	...	...	...	...	...	...	...	...	...	...
38	Gadikeri do.	‡377	...	‡377	...	...	...	...	...	...	...	...
39	Gokák Canal, 1st Section and storage works.	3,217	1,449	4,666	4,324	342	...	...	35·62	58·48	35·62	58·48
40	Dambal Tank	4	68	72	72	...	...	...	0·47	0·77	0·47	0·77
			‡144	‡144								
41	Medleri do.	60	12	72	71	1	...	...	0·46	1·66	0·46	1·66
42	Asundi do.	92	38	130	124	6	...	...	0·92	1·79	0·92	1·79
			‡190	‡190								
43	Madag do.	327	187	514	514	...	...	...	6·89	16·95	6·89	16·95
44	Mávinkop do.	‡597	...	‡597	...	...	...	...	...	...	...	...
45	Dharma Canal ...	522	...	522	522	...	...	...	Information not			
		‡7,504	‡357	‡7,861								
	Total, Minor Works ...	9,164	19,465	28,629	28,065	564	449	1·57	...	...	...	...
		‡8,478	‡691	‡9,169								
	GRAND TOTAL ...	72,520	63,855	136,375	134,815	3,372	4,361	3·15	...	...	...	...
		‡10,017	‡964	‡10,981								

I-E.

Bombay Presidency, excluding Sind, during the year 1915-1916.

Area irrigated per Cubic Foot per Second.				Base to which the Duties of Water are calculated.		Remarks.
Discharged at Head.		Utilized.				
Kharif.	Rabi.	Kharif.	Rabi.	Kharif.	Rabi.	
14	15	16	17	18	19	20
26·94	113·19	44·35	146·92	16th June to 15th October.	16th October to 15th February.	(a) *Pravara Right Bank and Godavari Canals.*—Low duty for kharif was due to the fact that canal discharge was run in excess of irrigational requirements. Extra discharge allowed for silty water to seal up the canals as much as possible to reduce percolation.
11·39	39·03	11·39	39·03			
38·74	141·35	44·69	152·30			
...	...	...	...			
15·90	58·37	19·92	66·45	16th February to 15th October.	16th October to 15th February	(b) *Nira and Mutha Canals and Shetphal, Matoba, Shirsuphal and Bhadalwadi Tanks.*—The Antique figures in brackets represent areas actually irrigated during the respective seasons and the duties have been calculated on these figures.
147	89	186	94			
180	97	180	97			
113·34	87·22	113·34	87·22			
...	...	...	...			
15·52	25·00	15·52	25·00	15th June to 14th October.	15th October to 14th February.	These tanks are mostly run for monsoon and rabi irrigation. The discharge from these tanks, if any, during the hot-weather being very small, has been neglected and the duties have been calculated to a base of 4 months only for the reason that if the discharge for hot weather was taken into account the duties would have to be calculated to a base of 8 months which would give greatly vitiated results.
20·71*	0·46	25·89*	0·46			
Not known.	227·46	Not known.	227·46	15th June to 14th October ...	15th October to 14th February.	
...	...	...	...			
37·57	95·37	37·57	95·37			
161·03	108·55	161·03	108·55			
79·08	71·41	79·08	71·41	16th June to 15th October.	16th October to 15th February.	(e) *Mutha Canals.*—Figures for utilized discharge are not available as the quantity let into the Matoba Tank was not measured. Besides water was supplied for drinking purposes to the City and the Cantonment of Poona.
30·18	52·02	35·86	59·97			
49	53	...	...			
590	195	590	195			
43·08	25·48	46·36	26·49	15th February to 14th October.	15th October to 14th February.	(d) *Mhasvad Tank.*—The discharge let out during the rabi season was utilised for the rabi crops and kharif crops which required water after the 14th October 1915, *viz.*, perennial and eight months crops measuring 1,233 acres in area, so the area watered during the rabi season was 1,233; 5,487; 6,720 acres.
71	65	71	65	16th February to 15th October.	16th October to 15th February.	
...	...	...	...			
M.c.ft.	M.c.ft.	M.c.ft.	M.c.ft.			*General.*
...	...	...	...			Note.—As perennial and eight months crops are irrigated during the rabi season to obtain the figures of duty for the rabi season in columns 15 and 17, the areas of perennial and eight months crops irrigated in the rabi season are added to the rabi area in column 4 and the totals so obtained are divided by the figures of rabi discharge in columns 11 and 13. The figures in columns 15 and 17 thus represent areas actually irrigated per cusec.
...	...	...	...	15th June to 14th October...	15th October to 14th February.	
...	15·46	...	15·46			
...	...	...	...			
95·24	254·54	95·24	254·54	15th February to 14th October.	15th October to 14th February.	
31·58	72·98	31·58	72·98			
18·76	41·72	22·79	58·04			
310·28	118·67	310·28	118·67	16th June to 15th October.	16th October to 15th February.	(c) *Watati Canals.*
...	133·22	...	226·70			This canal has both 1st and 2nd class irrigation under it. The first 3 miles (about) has old Mamul (*i.e.*, Bandhara) irrigation and the remaining portion is under 1st class irrigation. Both are however fed by the same Bandhara, so while calculating duties the area under the 2nd class system is also taken into account in addition to the usual 1st class area. The figures for the Mamul irrigation area :—
...§	434	...§	434			
...	...	...	...			
121	233	121	233			
192	188	192	188			
101	129	101	129	15th February to 14th October.	15th October to 14th February.	
281	216	281	216			
253	185	253	185			
88·89	92·46	110·93	156·17	16th February to 15th October.	16th October to 15th February.	
106·00	72·00	111·00	73·00			
102·00	101·00	174·00	162·00			
66·00	28·00	66·00	28·00			
124·00	50·00	124·00	50·00			
...	...	...	...	15th February to 14th October.	15th October to 14th February.	
...	...	...	...			
86·26	40·02	86·26	40·02			
270·00	260·00	270·00	260·00	16th January to 15th October.	16th October to 15th January.	
130·00	44·00	130·00	44·00			
264·00	117·00	264·00	117·00			
47·00	24·00	47·00	24·00			
...	...	...	...			
a v a i l a b l e .						
..	...	...	...			
...	...	...	...			

Perennial	... 44 acres.
Hot weather	... 48 ,,
Eight months	... 172 ,,
Monsoon Kharif	... 93 ,,
Rabi	... 104 ,,
	461 acres

* This includes the area of 245 acres of khari sluices irrigated in 1914-15 and accounted during 1915-16.

† The difference of *quantities* was put into the village tanks for domestic and drinking purposes.

‡ Area under consolidated assessment.

§ Due to good and timely rainfall in kharif season, the cultivators did not require water at all and hence the columns are blank. The kharif area in column 3 was lift irrigation.

STATEMENT

Statement showing incidence of Working Expenses and Assessed Water Revenue

No.	Name of Work.	Average Discharge of the year at Canal Head in cubic feet per second.	Water-rate Assessed.					Gross assessed Revenue from all sources.	Working Expenses, Direct and Indirect.
			Occupier's.	Owner's.	Total Direct.	Indirect.	Total Direct and Indirect.		
	Major Works.		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
	Protective Works.								
1	Pravara River Works—Pravara Right Bank Canal	66·93	13,773	...	13,773	...	13,773	14,510	20,376
2	Chankapur Tank—Girna Left Bank Canal	34·86	11,591	...	11,591	...	11,591	11,773	18,853
3	Darna Dam (Lake Beale) ...	187·60	2,496	...	2,496	...	2,496	1,84,949	1,47,066
	Godavari Right Bank Canal ...		1,50,186	...	1,50,186	...	1,50,186		
	Do. Left Bank Canal ...	76·13	22,482	...	22,482	...	22,482		
4	Nira Canal and Shetphal Tank ...	307·00	5,01,512	...	5,01,512	...	5,01,512	5,11,961	1,55,923
5	Mhasvad Tank	37·65	37,355	...	37,355	...	37,355	40,789	20,502
	Total ...	.....	7,39,395	...	7,39,395	...	7,39,395	7,63,982	3,62,720
	Productive Works.								
9	Háthmati Canal and	10	4,318	...	4,318	...	4,318	15,609	44,356
	Khári Cut Canal	16							
10	Lower Páujhra River Works ...	8·46	12,497	...	12,497	3,248	15,745	17,473	6,445
11	Kádva River Works. Wághad Tank ...	.....	...	...	...	...	...	617	3,090
	Pálkhed Canal ...	17·80	15,699	...	15,699	594	16,293	17,138	9,326
	Ojhar-Támbat Canal	4·68	5,485	...	5,485	...	5,485	5,632	1,600
	Wadáli Canal ...	4·97	1,282	...	1,282	...	1,282	1,311	1,246
12	Pravara River Works—Lákh Canal	15·31	1,141	...	1,141	225	1,366	2,177	2,851
13	Mutha Canals and Mátoba Tank.	157·95	1,99,434	...	1,99,434	42	1,99,476	3,71,312	1,53,942
14	Ekrúk Tank	50·28	19,246	...	19,246	...	19,246	82,248	13,917
15	Krishna Canal	.....	71,201	...	71,201	...	71,201	82,236	13,959
	Total ...	.....	3,30,303	...	3,30,303	4,109	3,34,412	5,95,753	2,50,732
	Total, Major Works ...	.....	10,69,698	...	10,69,698	4,109	10,73,807	13,59,735	6,13,452
	Minor Works and Navigation.								
16	Wangroli Tank	.....	...	...	...	...	...	211	13,344
17	Tranza-Nagramma Tanks ...	.....	...	...	...	60	60	68	1,974
18	Sávli Tank	35·57	1,096	...	1,096	...	1,096	1,458	6,060
19	Sahiat do.	.....	...	...	...	...	...	72	7,445
20	Hartála do.	0·28	295	...	295	...	295	605	382
21	Mhasva do.	4·65	1,673	...	1,673	...	1,673	5,057	1,850
22	Jámda Canals	44·35	9,193	...	9,193	...	9,193	12,058	9,675
23	Pansul Tank	3·89	6,191	...	6,191	...	6,191	6,443	3,133
24	Pravara River Works—Pravara Left Bank Canal	9·24	3,745	...	3,745	76	3,821	6,909	5,803
25	Bhátodi Tank	2·74	4,218	...	4,218	2,219	6,437	8,684	3,251
26	Kásurdi do.	.....	488	...	488	...	488	674	648
27	Shirsuphal do.	†2·59	3,990	...	3,990	...	3,990	4,108	2,115
28	Bhádalvádi do.	†3·79	5,870	...	5,870	...	5,870	5,958	2,799
29	Koregaon do.	1·50	3,125	...	3,125	...	3,125	3,167	959
30	Ashti do.	5·67	15,246	...	15,246	...	15,246	16,639	7,052
31	Páthri do.	2·74	6,803	...	6,803	...	6,803	7,063	3,462
32	Revári Canal	4·44	5,940	...	5,940	...	5,940	6,049	2,014
33	Upper Mán River Works ...	4·63	3,666	...	3,666	...	3,666	3,866	1,946
34	Yerla River Irrigation Works ..	15·64	17,256	...	17,256	...	17,256	19,131	13,339
35	Chikhli Canal	4·91	1,738	...	1,738	...	1,738	1,901	855
36	Maini Tank	7·26	7,153	...	7,153	...	7,153	7,231	2,817
37	Muchkundi do.	.....	...	...	...	...	...	1,508	316
38	Gadikeri do.	.....	...	...	...	2,061	2,061	2,061	343
39	Gokák Canal, 1st Section, and Storage Works	43·32	24,304	...	24,304	...	24,304	42,399	10,998
40	Dámbal Tank	0·55	325	...	325	916	1,241	1,478	1,259
41	Medleri do.	0·76	528	...	528	...	528	779	919
42	Asundi do.	1·14	655	...	655	687	1,342	1,372	1,127
43	Madag do.	9·42	2,041	...	2,041	...	2,041	2,303	1,984
44	Mávinkop do.	.....	...	...	...	2,244	2,244	2,244	823
45	Dharma Canal	13·90	2,690	...	2,690	—4,961	2,271	—2,153	2,524
	Total, Minor Works ...	.....	1,28,229	...	1,28,229	3,302	1,31,531	1,69,343	1,11,216
	Grand Total ...	.....	11,97,927	...	11,97,927	7,411	12,05,338	15,29,078	7,24,668

II-E.

on Canals in the Bombay Presidency, excluding Sind, during the year 1915-1916.

Area irrigated during the year.	Working Expenses.			Occupier's Rate.		Total Water-rate, Direct and Indirect.		Remarks.
	Per cent. on Gross Revenue.	Per Acre irrigated.	Per cubic foot per second of Discharge at Canal Head.	Per Acre irrigated.	Per cubic foot per second of Discharge at Canal Head.	Per Acre irrigated.	Per cubic foot per second of Discharge at Canal Head.	
Acres.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
3,694	140·43	5·52	304·44	3·73	205·78.	3·73	205·78	
1,710	160·14	11·03	540·82	6·78	332·50	6·78	332·50	
1,079	99·52	7·36	557·64	2·31	.....	2·31	.....	
16,099				9·33	80·02	9·33	80·02	
2,799				8·10	295·31	8·10	295·31	
50,859	30·45	3·06	507·89	9·86	1,633·59	9·86	1,633·59	
7,305	50·26	2·81	544·54	5·11	992·16	5·11	992·16	
88,545	47·48	4·34	.....	8·85	.....	8·85	...	
532	287·25	29·72	1,723·92	2·86	88·50	2·86	88·50	
976					214·37		214·37	
1,113	36·89	2·20	762	4·27	1,477	5·38	1,861	
*1,812								
...	...	...	.....	...	...	...	...	
2,095	54·42	4·45	523·93	7·49	881·96	7·78	915·34	
797	28·41	2·00	341·88	6·88	1,172·01	6·88	1,172·01	
214	95·04	5·82	250·70	5·99	257·95	5·99	257·95	
590	130·84	4·83	186·22	1·93	74·53	2·32	89·28	§ This large figure is explained by the fact that the working expenses include those for the Poona Water Supply, which is a part of the Mutha Canals.
11,524	41·40	§13·36	974·62	‡17·30	1,262·64	17·31	1,262·91	
2,936	16·92	4·74	276	6·55	382	6·55	382	
3,424	16·97	4·08	194·49	20·80	992·07	20·80	992·07	
24,201	42·09	10·35	.....	13·64	.....	13·81	...	
*1,312								
1,07,746	45·11	5·69	.....	9·98	.....	9·96	...	‡ The high rate is due to high proportion of sugarcane which is very high rated crop on this canal.
*1,812								
...	6,370·6	...	.....	...	.....	...	.....	
...	27,100·00	...	.....	...	.....	...	.....	
550	415·77	11·02	170·42	1·99	30·81	1·99	30·81	
...	10,341·66	...	.....	...	.....	...	.....	
112	63·03	3·41	1,364	2·64	1,057	2·64	1,057	
755	36·58	2·45	398	2·21	3·59	2·21	3·59	
2,153	80·23	4·49	218	4·27	207	4·27	207	
1,336	48·63	2·34	805·40	4·63	1,591·52	4·63	1,591·52	
1,212	83·98	4·79	623·03	3·09	405·30	3·15	413·53	
1,021	37·44	3·18	1,184	4·13	1,539	6·31	2,349	
114	96·14	5·68	.....	4·28	...	4·28	...	† These tanks are worked only during monsoon and rabi seasons Hence the discharge given is for the 8 months period and not for twelve months.
1,033	51·50	2·05	816·60	3·86	1,540·15	3·86	1,540·15	
1,429	46·97	1·96	738·52	4·11	1,548·99	4·11	1,548·99	
614	30·28	1·56	639	5·09	2,083	5·09	2,083	
3,043	42·46	2·31	1,243	5·01	2,688	5·01	2,688	
1,476	49·	2·34	1,263	4·61	2,482	4·61	2,482	
951	33·30	2·11	453·60	6·24	1,337·61	6·24	1,337·61	
876	50·35	2·22	420·30	4·18	791·57	4·18	791·57	
4,003	69·72	3·33	852·87	4·31	1,103·32	4·31	1,103·32	
232	44·97	3·70	174·13	7·52	353·97	7·52	353·97	
1,743	38·95	1·61	388·02	4·10	985·26	4·10	985·26	
...	20·95	...	...	...	...	...	...	
*377	16·64	0·91	...	...	...	5·46	...	* Area under consolidated assessment.
4,666	25·94	2·35	253·87	5·21	561·03	5·21	561·03	
72	85·18	5·83	2,289	4·51	591·00	5·75	2,256·00	
*144								
72	117·97	12·76	1,209	7·33	695·00	7·33	695·00	
130	82·14	3·52	989	5·04	575·00	4·19	1,177·00	
*190								
514	86·11	3·86	210	3·97	217·00	3·97	217·00	
*597	36·68	1·38	.....	...	...	3·76	...	
522	12·01	0·30	181	5·15	193·00	2·49	1,496·00	
*7,861								
28,629	65·67	3·88	.....	4·47	...	4·59	...	
*9,169								
136,375	47·39	5·31	.....	8·78	...	8·83	...	
*10,981								

STATEMENT

Statement of Quantity and Value of Crops irrigated in the Bombay

		(1) Pravara River Works—Pravara R. B. Canal.		(2) Chankapur Tank—Girna L. B. Canal.		(3A) Darna Dam (Lake Beale).		(3B) Godavari Right Bank Canal.	
		Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.
		Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.
Gardens and Orchards.	Vegetables	9	699	5	285	...	...	25	793
	Fruits and other trees	106	21,186	...	...	...	...	111	5,905
Sugarcane		1,022	2,99,040	31	9,428	...	...	2,507	12,07,875
Cereals	Wheat	914	66,363	957	41,675	...	...	2,360	58,662
	Barley	...	...	...	...	...	...	...	...
	Rice	...	...	35	1,594	...	...	43	1,303
	Maize	10	543	1	11	...	...	26	1,007
	Jowár	530	22,033	...	...	...	...	162	3,095
	Chino, Rági, Rála, Wara	...	...	...	...	...	...	...	...
	Bájri	48	1,758	10	400	...	...	49	422
	Miscellaneous	...	...	...	...	...	...	...	...
Pulses	Gram, Udid, Mug	359	15,382	407	12,082	...	...	858	19,204
	Tur	...	...	...	...	...	...	1	16
	Peas	...	...	4	139	...	...	...	...
	Groundnut	429	29,137	195	10,056	...	...	752	18,807
	Miscellaneous	...	...	...	...	...	...	...	...
Fodder Crops.	Fodder	103	4,038	40	824	...	...	212	9,985
	Lucerne, &c.	63	14,027	1	25	...	...	215	13,957
Fibres	Cotton	2	53	...	...	...	...	...	...
	Tág (Hemp)	...	...	...	...	...	...	1	20
Dyes		...	...	...	...	...	...	...	...
Drugs and Narcotics	Tobacco	16	1,529	...	...	...	...	9	516
	Bháng	...	...	...	...	...	...	...	...
Oil-seeds	Mustard, Sesam	1	15	...	...	...	...	1	3
	Linseed, Castor-oil	...	...	...	...	...	...	1	28
Condiments	Chilly and Onions	40	2,590	...	...	...	...	40	855
	Garlic, Turmeric and Methi.	37	2,119	13	517	...	...	58	2,389
Miscellaneous		...	...	11*	...	...	...	*8,668	...
Land insufficiently irrigated		...	...	...	...	1,079†	...	...	...
	Total	3,694	4,80,512	1,710	77,036	1,079	...	16,099	13,44,842
Area on which consolidated assessment is levied		...	...	...	...	...	...	...	...

* Includes waste of water

† This represents the area in the basin of Lake Beale let out for cultivation and measured as per G. R. No. A. L.—7200 of 9th August 1912.

‡ Water given to sugarcane for the respect of

III-E.

Presidency, excluding Sind, during the year 1915-1916.

(3) Godavari Left Bank Canal.		(4) Nira Canal, including Shetphal Tank.		(5) Mhaswad Tank.		(9) Hathmati Canal and Khari Cut.		(10) Lower Pánjhra River Works.		(11) Kádva River Works. Pálkhed Canal.	
Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.
Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.
20	626	...	...	...	...	...	...	12	2,754	62	2,635
13	224	137	41,100	82	7,509	26	1,560	3	96	...	...
284	1,22,280	8,491	42,45,500	93	25,158	92	18,100	5	435	218	48,608
806	24,946	1,821	1,18,365	602	19,593	15	530	455	10,270	542	19,554
...	...	...	...	29	775	19	380	...	...	...	...
14	74	...	...	135	16,906	270	25,560	3	75	90	4,858
4	180	...	...	89	1,085	42	1,260	1	40	1	10
17	338	18,414	11,04,840	4,290	1,47,815	632	32,480	2	50	4	169
...	...	...	...	15	233	8	160	...	...	...	...
24	460	9,022	2,70,660	438	15,387	63	2,130	...	...	1	11
...	...	...	...	...	...	...	...	...	...	1	29
126	3,145	1,487	44,610	378	7,388	38	760	2	61	262	7,596
...	...	140	2,800	2	30	...	...	...	...	...	...
...	...	...	...	...	...	...	...	152	1,609	1	11
390	15,164	7,977	3,98,850	976	39,035	2	120	472	15,450	585	25,068
...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	65	1,422
47	2,859	207	6,210	21	210	...	...	...	...	15	692
37	2,841	24	4,800	...	...	...	...	...	...	...	...
2	100	16	960	23	607	3	130	...	...	6	56
44	1,069	35	1,050	2	15	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...
4	425	54	4,860	11	409	1	100	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...
3	45	...	...	12	200	17	850	...	...	...	...
...	...	...	...	3	30	5	250	...	...	...	...
23	1,513	1,684	91,120	57	1,469	...	...	4	45	...	...
54	2,032	...	...	1	5	...	...	2	35	234	14,916
887*	...	...	...	...	...	133 142‡	...	...	...	8*	...
...	...	1,350	...	46	135	...	...	...	...	...	...
2,799	1,78,321	50,859	63,35,725	7,305	2,83,994	1,508	84,370	1,113	30,920	2,095	1,25,635
...	...	...	...	...	...	...	...	1,812	...	...	...

and so no estimated value.

As a uniform rate of Rs. 2 was to be levied, the areas were not measured distinctly for each crop. Hence the area cannot be classified in different crops.

same area in different seasons.

STATEMENT

	(11) Kádva River Works.						(12) Pravara River Works—La'kh Canal.	
	Ojhar-Tambat Canal.		Wadáli Canal.		Waghad Tank.			
	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.
	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.
Gardens and Orchards. — Vegetables	30	1,599	4	358	...	...	10	575
Gardens and Orchards. — Fruits and other trees	...	....	...	...	...	...	14	4,025
Sugarcane	60	12,080	5	1,090	...	...	13	4,575
Cereals — Wheat	219	7,668	77	2,303	...	...	74	5,021
Cereals — Barley	...	...	...	...	...	...	...	...
Cereals — Rice	2	136	3	287	...	...	...	...
Cereals — Maize	1	64	...	...	...	...	...	...
Cereals — Jowár	1	41	...	...	...	...	20	955
Cereals — Chino, Rági, Rála, Wara	...	...	...	...	...	...	...	...
Cereals — Bájri	...	...	...	...	...	...	177	2,492
Cereals — Miscellaneous	...	...	...	...	...	...	1	5
Pulses — Gram, Udid, Mug	80	2,019	15	292	...	...	203	9,787
Pulses — Tur	...	...	...	...	...	...	3	50
Pulses — Peas	1	8	...	...	...	...	...	...
Pulses — Groundnut	160	6,409	79	2,729	...	...	51	2,860
Pulses — Miscellaneous	...	...	...	...	...	...	...	...
Fodder Crops — Fodder	21	990	4	219	...	...	2	110
Fodder Crops — Lucerne, &c.	14	1,206	1	40	...	...	...	...
Fibres — Cotton	...	...	...	...	...	...	2	40
Fibres — Tág (Hemp)	5	396	...	...	...	...	2	132
Dyes	...	...	...	...	...	...	...	...
Drugs and Narcotics. — Tobacco	...	...	...	...	...	...	1	9
Drugs and Narcotics. — Bháng	...	...	...	...	...	...	...	...
Oil-seeds — Mustard, Sesam	...	...	...	...	...	...	2	47
Oil-seeds — Linseed, Castor-oil	...	...	...	...	...	...	...	...
Condiments — Chilly and Onions	...	...	...	...	...	...	15	1,535
Condiments — Garlic, Turmeric and Methi.	197	20,807	24	930	...	...	...	...
Miscellaneous	6*	...	2*	...	...	...	...	...
Land insufficiently irrigated	...	...	...	...	...	...	...	...
Total	797	53,423	214	8,248	...	...	590	32,218
Area on which consolidated assessment is levied	...	...	...	...	...	...	...	...

* This includes waste of water and so no estimated value.

III-E—*continued.*

(13) Mutha Canals, including Maioba Tank.		(14) Erbuk Tank.		(15) Krishna Canal.		(16) Wangroli Tank.		(17) Tranza-Na-gramma Tanks.		(18) Savli Tank.		(19) Sahtat Tank.	
Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.
Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.
633	26,650	37	2,775	...	...	...	...	...	...	...	...	...	...
948	94,800	8	1,200	18	1,080	...	...	...	...	...	...	...	...
4,179	20,89,500	193	96,500	2,010	16,04,711	...	...	...	...	...	...	...	...
367	16,595	389	19,450	456	22,800	...	...	...	...	316	12,640	...	...
13	650	41	1,025	...	...	...	...	...	...	...	...	...	...
...	...	365	18,250	69	8,280	...	...	...	...	...	...	...	...
7	140	43	2,150	4	80	...	...	...	...	8	120	...	...
511	15,330	323	19,380	15	1,200	...	...	...	...	19	570	...	...
...	...	4	120	...	...	...	...	...	...	...	...	...	...
365	7,300	30	750	...	...	...	...	...	...	3	60	...	...
...	...	180	5,400	80	560	...	...	...	...	...	...	...	...
111	4,995	293	16,680	14	180	...	...	...	...	200	3,000	...	
69	1,725	14	700	...	...	...	...	...	...	...	...	...	...
7	200	...	...	...	...	...	...	...	...	...	...	...	...
376	28,200	696	69,600	37	2,960	...	...	...	...	...	...	...	...
551	11,020	109	2,180	140	5,470	...	...	...	...	...	...	...	...
110	5,500	67	5,025	5	500	...	...	...	...	...	...	...	...
67	3,350	...	...	...	...	...	...	...	...	...	...	...	...
5	200	63	6,300	...	...	...	...	...	...	...	...	...	...
25	375	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	20	1,600	11	3,300	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...
2	50	...	...	...	...	...	...	...	...	...	...	...	...
...	...	49	2,310	40	8,000	...	...	...	...	...	...	...	...
119	4,760	8	1,320	525	2,36,250	...	...	...	...	...	...	...	...
1,727	42,410	4	250	...	...	...	...	...	...	4	...	...	...
1,332	...	...	...	...	...	...	...	...	...	...	...	...	...
11,524	23,53,750	2,936	2,72,965	3,424	18,95,371	...	...	...	...	550	16,390	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...

STATEMENT

	(20) Hartála Tank.		(21) Mhasva Tank.		(22) Jamda Canals.	
	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.
	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.
Gardens and Orchards. — Vegetables	2	210	7	704	342	34,036
Gardens and Orchards. — Fruits and other trees	...	...	...	...	...	...
Sugarcane	5	1,250	¼	21	48	8,222
Cereals — Wheat	87	4,000	251	6,072	1,172	54,096
Cereals — Barley	...	...	...	...	...	...
Cereals — Rice	1	15	...	...	19	546
Cereals — Maize	...	...	...	...	7	120
Cereals — Jowár	...	...	...	...	14	1,275
Cereals — Chino, Rági, Rála, Wara	...	...	...	...	...	...
Cereals — Bájri	...	...	...	...	1	15
Cereals — Miscellaneous	...	...	...	...	...	...
Pulses — Gram, Udid, Mug	2	120	442	7,778	172	5,682
Pulses — Tur	...	...	...	...	...	...
Pulses — Peas	...	...	...	...	6	26
Pulses — Ground-nut	7	100	31¾	768	189	7,209
Pulses — Miscellaneous	...	...	...	...	...	...
Fodder Crops — Fodder	1	5	5	62	1	20
Fodder Crops — Lucerne, &c.	...	...	...	...	3	63
Fibres — Cotton	...	...	...	...	25	535
Fibres — Tág (Hemp)	...	...	...	...	2	31
Dyes	...	...	...	...	...	...
Drugs and Narcotics. — Tobacco	...	...	¼	6	4	208
Drugs and Narcotics. — Bháng	...	...	...	...	...	...
Oil-seeds — Mustard, Sesam	1	53	...	...	...	...
Oil-seeds — Linseed, Castor-oil	...	...	...	...	...	...
Condiments — Chilly and Onions	...	...	...	...	...	...
Condiments — Garlic, Turmeric and Methi.	6	105	17¾	290	148	8,350
Miscellaneous	...	...	...	...	...	...
Land insufficiently irrigated	...	...	...	...	...	...
Total	112	5,858	755	15,701	2,153	1,20,429
Area on which consolidated assessment is levied	...	...	...	...	...	...

III-E—*continued.*

(23) Parsul Tank.		(24) Pravara River Works—Pravara L. B. Canal.		(25) Bhatodi Tank.		(26) Kisuredi Tank.		(27) Shirsuphal Tank.	
Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.
Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.
12	1,128	3	174	2	77	3	120	2	80
...	...	2	637	1	52	...	...	1	200
9	1,935	1	300	5	550	...	...	1	250
211	4,740	346	14,394	119	7,145	9	360	60	2.400
...	...	...	...	...	...	...	...	60	1,200
...	...	...	...	...	...	...	...	...	...
...	...	2	66	...	...	...	...	...	...
...	...	347	14,236	540	21,620	30	750	136	3,400
...	...	...	...	...	...	...	...	...	...
340	10,199	...	...	...	...	...	...	...	...
...	...	...	...	...	...	65	1,655	741	18,525
593	12,024	462	19,006	80	242	...	...	17	510
...	...	...	...	...	...	4	100	2	50
...	...	1	17	...	...	...	...	...	...
76	2,661	6	302	238	9,515	...	...	2	50
...	...	...	...	...	...	...	...	...	...
27	814	1	22	...	...	...	...	...	...
1	30	1	211	1	16	...	...	...	...
33	2,492	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...
...	...	1	22	11	908	...	...	...	...
...	...	...	...	16	1,590	...	...	...	...
14	445	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...
...	...	5	341	4	385	...	...	...	...
14	304	34	1,576	...	...	1	50	1	50
6*	...	...	...	4	352	...	...	...	...
...	...	...	...	...	...	2	...	10	...
1,336	36,781	1,212	51,304	1,021	42,452	114	3,035	1,033	26,715
...	...	...	...	...	...	...	...	...	...

* This includes waste of water and so no estimated value.

STATEMENT

	(28) Bhádalvádi Tank.		(29) Koregaon Tank.		(30) Ashti Tank.	
	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.
	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.
Gardens and Orchards. — Vegetables	...	...	4	60	...	...
Gardens and Orchards. — Fruits and other trees	1	200	...	...	12	1,485
Sugarcane	4	1,000	2	500	14	2,725
Cereals — Wheat	35	1,400	119	2,417	648	14,610
Cereals — Barley	...	...	...	...	...	...
Cereals — Rice	...	...	...	...	159	6,748
Cereals — Maize	...	...	...	...	28	290
Cereals — Jowár	136	3,400	420	6,330	1,505	27,200
Cereals — Chino, Rági, Rála, Wara	...	...	...	...	...	...
Cereals — Bájri	...	...	...	...	1	15
Cereals — Miscellaneous	1,216	20,330	...	...	...	...
Pulses — Gram, Udid, Mug	6	180	2	32	290	5,405
Pulses — Tur	...	...	2	72	10	131
Pulses — Peas	...	...	...	...	...	...
Pulses — Ground-nut	...	...	9	360	267	5,626
Pulses — Miscellaneous	...	...	...	...	...	...
Fodder Crops — Fodder	...	...	...	...	1	50
Fodder Crops — Lucerne, &c.	...	...	...	...	...	...
Fibres — Cotton	...	...	...	...	12	470
Fibres — Tág (Hemp)	...	...	...	...	...	...
Dyes	...	...	...	...	...	...
Drugs and Narcotics — Tobacco	...	...	1	30	11	480
Drugs and Narcotics — Bháng	...	...	...	...	...	...
Oil-seeds — Mustard, Sesam	...	...	2	36	...	...
Oil-seeds — Linseed, Castor-oil	...	...	...	...	5	328
Condiments — Chilly and Onions	...	...	5	150	25	854
Condiments — Garlic, Turmeric and Methi	...	...	48	4,800	3	150
Miscellaneous	...	...	...	...	52	...
Land insufficiently irrigated	31	...	...	...	...	...
Total	1,429	26,510	614	14,787	3,043	66,567
Area on which consolidated assessment is levied	...	...	...	...	...	...

III-E—*continued*

(31) Pathri Tank.		(32) Revári Canal.		(33) Upper Mán River Works.		(34) Yerla River Irrigation Works.		(35) Chikhli Canal.	
Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.
Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.
18	270	51	2,550	8	400	53	5,300	...	...
...	...	3	150	1	300	55	9,450	1	50
...	...	82	34,276	6	3,000	40	17,100	37	21,104
37	815	255	10,290	182	7,280	377	14,512	34	1,700
...	...	...	...	17	884	1	32	...	...
22	660	40	1,600	4	148	28	1,296	3	360
...	...	...	...	7	140	17	357	1	21
1,019	15,285	298	14,900	309	20,085	1,977	1,48,200	27	2,160
...	...	...	...	2	32	6	120	5	100
...	...	3	45	16	448	38	1,258	...	...
...	...	...	...	...	...	...	...	5	35
95	1,514	16	680	228	9,576	570	18,104	11	660
...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	3	96	...	...
241	9,640	154	5,390	73	6,935	725	32,580	6	180
...	...	2	50	...	...	...	...	3	120
...	...	...	...	...	...	4	208	...	...
...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...
8	240	2	150	4	500	17	2,720	...	...
...	...	...	...	...	...	...	...	...	...
1	18	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...
14	420	15	1,150	14	1,746	65	6,200	64	9,200
21	2,100	30	3,000	3	192	10	1,050	35	13,125
...	...	...	...	2	100	17	1,600	...	...
...	...	...	...	...	...	...	...	...	...
1,476	30,962	951	74,231	876	51,766	4,003	2,60,183	232	48,815
...	...	...	...	...	...	...	...	...	...

STATEMENT

	(36) Maini Tank.		(37) Muchkundi Tank.		(38) Gadikeri Tank.		(39) Gokák Canal, 1st Section, and Storage Works.	
	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.
	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.
Gardens and Orchards. — Vegetables	2	50	...	...	...	...	92	5,750
Gardens and Orchards. — Fruits and other trees	15	5,230	...	...	...	...	17	2,337
Sugarcane	13	3,900	...	...	...	...	143	57,200
Cereals — Wheat	134	10,600	...	...	...	...	...	...
Cereals — Barley	...	...	...	...	...	...	197	7,880
Cereals — Rice	1	60	...	...	...	...	93	6,138
Cereals — Maize	1	40	...	...	...	...	2,028	54,756
Cereals — Jowár	905	53,870	...	...	...	...	742	25,970
Cereals — Chino, Rági, Rála, Wara	1	30	...	...	...	...	154	4,620
Cereals — Bájri	32	960	...	...	...	...	18	180
Cereals — Miscellaneous	3	60	...	...	...	...	5	10
Pulses — Gram, Udid, Mug	230	9,180	...	...	...	...	199	5,373
Pulses — Tur	...	...	...	...	...	...	...	...
Pulses — Peas	...	...	...	...	...	...	...	...
Pulses — Ground-nut	337	30,330	...	...	...	...	151	7,248
Pulses — Miscellaneous	...	...	...	...	...	...	...	...
Fodder Crops — Fodder	...	...	...	...	...	...	...	...
Fodder Crops — Lucerne, &c.	...	...	...	...	...	...	...	...
Fibres — Cotton	...	...	...	...	...	...	8	264
Fibres — Tág (Hemp)	...	...	...	...	...	...	151	4,983
Dyes	...	...	...	...	...	...	...	...
Drugs and Narcotics. — Tobacco	7	420	...	...	...	...	...	...
Drugs and Narcotics. — Bhang	...	...	...	...	...	...	...	...
Oil-seeds — Mustard, Sesam	...	...	...	...	...	...	...	...
Oil-seeds — Linseed, Castor-Oil	...	...	...	...	...	...	...	...
Condiments — Chilly and Onions	19	1,105	...	...	...	...	592	20,720
Condiments — Garlic, Turmeric and Methi	28	1,260	...	...	...	...	58	2,320
Miscellaneous	15	400	...	...	...	...	18	36
Land insufficiently irrigated	...	...	...	...	...	...	...	...
Total	1,743	1,17,495	...	...	...	...	4,666	2,05,785
Area on which consolidated assessment is levied	...	...	...	...	377	...	...	...

III-E—concluded.

(40) [illegible] Tank.		(41) Medleri Tank.		(42) Asundi Tank.		(43) Madag Tank.		(44) Mávinkop Tank.		(45) Dharma Canal.		Total.	
Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.
Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.
60	2,548	5	260	33¾	3,048	44	4,430	...	...	...	...	1,599¾	1,00,944
...	300	27	3,010	...	...	3	338	...	...	...	...	1,608	2,02,454
...	...	...	...	16	5,950	...	...	...	...	...	...	19,629¼	99,44,163
...	...	...	...	...	...	...	...	...	...	...	...	14,446	6,03,266
...	...	...	...	...	...	...	...	...	...	...	...	377	12,826
...	...	38	955	¾	19	323	12,950	...	...	522	26,100	2,282¾	1,34,918
...	...	...	...	...	...	...	...	...	...	...	...	2,328	62,480
...	...	...	...	...	...	...	...	...	...	...	...	33,345	17,06,977
...	...	...	...	½	9	...	...	...	...	...	...	195½	5,424
...	...	...	...	...	...	...	...	...	...	...	...	10,679	3,14,950
...	...	...	...	...	...	...	...	...	...	...	...	2,297	46,609
...	...	...	...	...	...	...	...	...	...	...	...	8,248	2,43,247
...	...	...	...	...	...	...	...	...	...	...	...	247	5,674
...	...	...	...	...	...	...	...	...	...	...	...	175	2,106
...	...	...	...	...	...	...	...	...	...	...	...	15,689¾	7,83,339
...	...	...	...	...	...	...	...	...	...	...	...	805	18,840
...	...	...	...	...	...	...	...	...	...	...	...	949	39,073
...	...	...	...	...	...	...	...	...	...	...	...	443	41,267
...	...	...	...	...	...	...	...	...	...	...	...	194	12,151
...	...	...	...	...	...	...	...	...	...	...	...	273	8,127
...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	1½	135	...	...	...	...	...	...	...	...	194¾	18,562
...	...	...	...	...	...	...	...	...	...	...	...	16	1,590
...	...	...	...	...	...	...	...	...	...	...	...	54	1,712
...	...	...	...	...	...	...	...	...	...	...	...	16	686
...	...	½	30	43	2,514	...	...	...	...	...	...	2,817½	1,54,252
...	...	...	...	35	2,993	142	20,840	...	...	...	...	1,906¾	3,48,635
...	...	...	...	1	...	2	...	...	...	...	...	11,709	45,148
...	...	...	...	...	...	...	...	...	...	...	...	3,850	135
72	2,848	72	4,420	130	14,533	514	38,558	...	...	522	26,100	136,375	1,48,59,555
144	...	...	...	190	...	...	...	597	...	7,861	...	10,981	...

STATEMENT

Comparative Statement of Irrigation and Rainfall for the years

Civil District.	Of the Civil District.			Works supplying Irrigation.		Culturable area commanded by the Irrigation Works in Column 6 in Acres.
	Total area in Acres.	Culturable area in Acres.	Cultivated area in Acres.	No.	Name.	
1	2	3	4	5	6	7
	Acres.	Acres.	Acres.			Acres.
Ahmedabad ..	2,451,677	1,965,311	1,027,523	9	Hathmati Canal	28,840
					Khári Cut „	20,000
					Total ...	48,840
Kaira	1,022,894	884,751	811,302	16	Wangroli Tank	5,000
				17	Tranza-Nagrama Tanks	1,290
				18	Savli Tank	4,700
				19	Saiat „	4,000
					Total ...	14,990
West Khándesh..	3,480,222	1,726,247	1,404,943	10	Lower Pánjhra River Works... ...	12,627
East Khándesh ...	2,910,253	2,056,002	1,999,120	20	Hartala Tank	527
				21	Mhásva „	4,075
				22	Jámda Canals	40,185
					Total ...	44,787
Poona ...	3,421,988	2,553,312	2,539,552	4	Nira Canal including Shetphal Tank	227,670
				13	Mutha Canals including Mátoba Tank	49,800
				26	Kásurdi Tank	478
				27	Shirsuphal „	2,500
				28	Bhádalvádi „	2,400
					Total ...	282,848
Násik	3,764,414	2,477,467	2,115,755	2	Chankapur Tank—Girna Left Bank Canal.	15,109†
				11	Kádva River Works. Wághad Tank ...	...
					Kádva River Works. Pálkhed Canal ...	26,280†
					Kádva River Works. Ojhár-Támbat Canal	7,421†
					Kádva River Works. Wadáli Canal ...	2,729
				23	Parsul Tank	3,197
				3	Godavari River Works— Lake Beale ...	83,000
					Godavari River Works— Godavari Right Bank Canal ...	
					Godavari River Works— Godavari Left Bank Canal ...	
					Total ...	137,736
Ahmednagar ..	4,234,571	3,201,280	2,371,362	3	Godavari Right Bank Canal ...	136,390
					Godavari Left Bank Canal ...	
				1	Pravara Right Bank Canal	60,000
				12	Lákh Canal	25,536
				24	Pravara Left Bank Canal	21,155
				25	Bhátodi Tank	13,657
					Total ...	256,738
Sholápur ..	2,915,942	2,489,769	2,187,309	5	Mhaswad Tank	102,400
				14	Ekrúk „	16,941
				29	Koregaon „	2,394
				30	Ashti „	16,825
				31	Páthri „	4,586
					Total ...	143,146

† Figures under revision and enquiry.

IV-E.

1914-1915 and 1915-1916 in the Bombay Presidency, excluding Sind.

Area at present assessed.	Area irrigated in Acres.						Rainfall.		Remarks.
	1914-1915.			1915-1916.			1914-1915.	1915-1916.	
	Kharif.	Rabi.	Total.	Kharif.	Rabi.	Total.			
8	9	10	11	12	13	14	15	16	17
Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Inches.	Inches.	
5,000	2,447	4,103	6,550	357	175	532	42·72	14·04	At Prántij.
10,000	14,169	780	14,949	970	6	976	39·80	12·04	At Ahmedabad Civil Hospital.
24,000	16,616	4,883	21,499	1,327	181	1,508			
3,400	1,267	34	1,301	...	...	...	33·38	12·09	
800	...	...	...	...	...	...	27·80	11·31	Rain-gauges fixed on the tanks.
3,000	1,122	107	1,229	...	550	550	32·41	16·09	
2,000	749	160	909	...	...	...	30·87	10·12	
9,200	3,138	301	3,439	...	550	550			
12,627	12	666	678	259	854	1,113	24·36	19·20	
	*1,595	*219	*1,814	*1,539	*273	*1,812			* Area under consolidated assessment.
415	9	45	54	20	92	112	40·90	44·04	
1,700	44	333	377	60	695	755	41·89	24·62	
5,000	428	1,062	1,490	785	1,368	2,153	41·08	27·56	
7,115	481	1,440	1,921	865	2,155	3,020			
113,280	33,495	15,493	48,988	36,359	9,936	46,295	19·42	25·94	
4,200	2,682	2,463	5,145	3,416	1,148	4,564	19·58	31·07	
16,800	8,822	791	9,613	7,863	1,156	9,019	33·15	36·78	
3,250	1,164	1,521	2,685	1,312	1,193	2,505	15·10	20·52	
150	29	50	79	34	80	114	13·70	24·33	
1,800	492	394	886	544	489	1,033	16·23	20·44	
2,000	786	423	1,209	811	618	1,429	16·40	20·21	
141,480	47,470	21,135	68,605	50,339	14,620	64,959			
Not ascertained.	931	1,312	2,243	329	1,381	1,710	27·25	21·90	
...	...	...	...	...	...	...	...	...	
9,837	611	1,711	2,322	512	1,583	2,095	33·82	28·71	
2,367	165	554	719	230	567	797	28·05	25·59	
2,433	16	204	220	37	177	214	28·28	27·77	
1,000	330	653	983	570	766	1,336	19·99	16·13	
15,310	...	1,038	1,038	237	842	1,079	51·65	40·41	
	242	1,661	1,903	139	1,932	2,071	22·42	28·51	
	258	1,203	1,461	148	1,162	1,310	17·84	27·12	
30,947	2,553	8,336	10,889	2,202	8,410	10,612			
33,501	3,235	9,198	12,433	3,033	10,995	14,028	22·42	28·51	
	266	1,039	1,305	335	1,154	1,489	17·34	27·12	
24,656	1,075	2,793	3,868	1,213	2,481	3,694	25·32	27·48	
11,280	80	383	463	284	306	590	20·51	25·71	
14,763	...	16	16	...	1,212	1,212	25·32	27·48	
12,124	291	640	931	14	1,007	1,021	24·77	29·39	
96,324	4,947	14,069	19,016	4,879	17,155	22,034			
24,300	...	5,799	5,799	1,731	4,996	6,727	16·37	27·28	
16,941	1,235	1,195	2,430	1,835	1,101	2,936	23·98	23·66	
1,050	6	502	508	102	512	614	25·56	35·75	
11,780	...	3,150	3,150	529	2,514	3,043	23·67	28·39	
2,500	123	1,306	1,429	263	1,213	1,476	30·40	30·89	
56,571	1,364	11,952	13,316	4,460	10,336	14,796			

STATEMENT

Civil District.	Of the Civil District.			Works supplying Irrigation.			Culturable area commanded by the Irrigation Works in Column 6 in Acres.
	Total area in Acres.	Culturable area in Acres.	Cultivated area in Acres.	No.	Name.		
1	2	3	4	5	6		7
	Acres.	Acres.	Acres.				Acres.
Belgaum ...	2,950,993	2,268,082	2,191,732	38	Gadikeri Tank		Not known.
				39	Gokák Canal, 1st Section and Storage Works		17,627
						Total ...	17,627
				5	Mhaswad Tank		3,814
				15	Krishna Canal		26,453
				32	Revári „		3,624
Sátára	3,089,378	2,319,187	1,941,294	33	Upper Mán River Works		7,623
				34	Yerla River Irrigation Works ...		10,680
				35	Chikhli Canal		1,478
				36	Maini Canal		4,625
						Total ...	58,297
				40	Dámbal Tank		2,500
				41	Medleri „		880
Dhárwár ...	2,947,450	2,461,154	2,204,032	43	Madag „		1,345
				42	Asundi „		1,011
				45	Dharma Canal		12,870
						Total ...	18,556
Kánara	2,525,783	381,179	339,235	44	Mávinkop Tank		755
Bijápur	3,652,693	3,276,971	2,979,893	37	Muchkundi Tank		5,417
	39,368,258	28,060,712	24,113,052			Grand Total ...	1,042,364

IV-E—*concluded.*

Area at present estimated as annually irrigable by the works specified in Column 6.	Area irrigated in Acres.						Rainfall.		Remarks.
	1914-15.			1915-16.			1914-15.	1915-16.	
	Kharif.	Rabi.	Total.	Kharif.	Rabi.	Total.			
8	9	10	11	12	13	14	15	16	17
Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Inches.	Inches.	
417	377*	...	377*	377*	...	377*	42·25	29·02	
17,627	4,253	2,209	6,462	3,217	1,449	4,666	24·98	21·68	
18,044	4,253 377*	2 209	6,462 377*	3,217 377*	1,449	4,666 377*			
500	...	543	543	87	491	578	17·96	23·34	
12,320	2,250	1,323	3,573	2,670	754	3,424	38·92	32·18	
1,920	116	1,083	1,199	203	748	951	29·60	34·02	
2,080	...	958	958	71	805	876	16·14	17·20	
5,480	95	4,015	4,110	520	3,483	4,003	28·02	27·24	
1,478	68	328	396	152	80	232	28·49	25·84	
4,625	19	1,770	1,789	264	1,479	1,743	20·92	22·26	
28,403	2,548	10,020	12,568	3,967	7,840	11,807			
1,000	5	...	5	4	68	72	12·61	20·67	
		144*	144*		144*	144*			
600	42	4	46	60	12	72	11·32	11·64	
1,345	356	176	532	327	187	514	29·69	21·12	
1,011	76	60	136	92	38	130	25·46	22·15	
		190*	190*		190*	190*			
12,870	618	...	618	522	...	522	114·02	77·91	
	7,504*	357*	7,861*	7,504*	357*	7,861*			
16,826	1,097 7,504*	240 691*	1,337 8,195*	1,005 7,504*	305 691*	1,310 8,195*			
617	560*	...	560*	597*	...	597*	No rain-gauge.		
750	...	...	...	...	...	...	1	20·19	
442,904	84,479 10,036*	75,251 910*	159,730 10,946*	72,520 10,017*	63,855 964*	136,375 10,981*			

* Area under consolidated assessment.

STATEMENT F.

Statement showing the Operation of Irrigation Works in the Bombay Presidency, excluding Sind, for the year 1915-1916.

No.	Names of Works.	Amount due, 1915-1916.		Remissions.		Total.		Grand Total.	Remarks.
		Kharif.	Rabi.	Kharif.	Rabi.	Kharif.	Rabi.		
1	2	3	4	5	6	7	8	9	10
	Major Works.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
	Protective Works.								
1	Pravara River Works—Pravara Right Bank Canal	5,333	8,440	...	...	5,333	8,440	13,773	
2	Chankapur Tank—Girna Left Bank Canal	2,796	8,795	...	...	2,796	8,795	11,591	
3A	Lake Beale	650	1,846	...	...	650	1,846	2,496	
3B	Godavari Right Bank Canal ...	87,006	63,180	...	...	87,006	63,180	1,50,186	
	Godavari Left Bank Canal ...	10,753	11,729	...	...	10,753	11,729	22,482	
4	Nira Canal and Shetphal Tank combined	4,45,720	55,792	...	...	4,45,720	55,792	5,01,512	
5	Mhasvad Tank	10,092	27,263	...	...	10,092	27,263	37,355	
	Total ...	5,62,350	1,77,045	...	...	5,62,350	1,77,045	7,39,395	
	Productive Works.								
9	Háthmati and Khari Cut Canals combined	4,036	282	3*	...	4,033	282	4,315	*Remissions had to be given as free grants owing to water rate on account of Bheja formerly assessed.
10	Lower Pánjhra River Works ...	8,257	4,240	...	...	8,257	4,240	12,497	
11	Kádva River Works. Wághad Tank ...	...	...	...	...	...	...	...	
	Kádva River Works. Pálkhed Canal ...	7,571	8,128	...	...	7,571	8,128	15,699	
	Kádva River Works. Ojhar Támbat Canal	2,535	2,950	...	...	2,535	2,950	5,485	
	Kádva River Works. Wadáli Canal ...	348	934	...	...	348	934	1,282	
12	Pravara River Works—Lákh Canal	545	597	...	...	545	597	1,142	
13	Mutha Canal and Mátoba Tank combined	1,87,397	12,037	...	...	1,87,397	12,037	1,99,434*	* In addition to this Rs. 1,53,330 were due from Poona water supply for this year. The Poona water supply revenue is creditable to Mutha Canals.
14	Ekrúk Tank	13,296	5,950	...	...	13,296	5,950	19,246	
15	Krishna Canal	45,976	25,225	...	...	45,976	25,225	71,201	
	Total ...	2,69,961	60,343	3	...	2,69,958	60,343	3,30,301	
	Total, Major Works ...	8,32,311	2,37,388	3	...	8,32,308	2,37,388	10,69,696	
	Minor Works and Navigation.								
16	Wangroli Tank	...	...	...	...	...	...	...	
17	Tranza-Nagramma Tanks ...	...	...	...	...	...	...	...	
18	Savli Tank	...	1,096	...	...	...	1,096	1,096	
19	Sahiat do.	...	...	...	...	...	...	...	
20	Hartála do.	109	187	...	...	109	187	296	
21	Mhasva do.	252	1,421	...	...	252	1,421	1,673	
22	Jámda Canals	6,205	2,988	...	...	6,205	2,988	9,193	
23	Parsul Tank	1,871	4,320	...	...	1,871	4,320	6,191	
24	Pravara River Works—Pravara Left Bank Canal	...	3,745	...	...	...	3,745	3,745	
25	Bhátodi Tank	103	4,115	...	...	103	4,115	4,218	
26	Kásurdi do.	127	361	...	...	127	361	488	
27	Shirsuphal do.	2,129	1,860	...	...	2,129	1,860	3,989	
28	Bhádalvádi do.	3,382	2,488	...	...	3,382	2,488	5,870	
29	Koregaon do.	499	2,626	...	...	499	2,626	3,125	
30	Ashti do.	3,665	11,581	...	...	3,665	11,581	15,246	
31	Páthri do.	1,331	5,472	...	...	1,331	5,472	6,803	
32	Revári Canal	2,041	3,973	31	44	2,010	3,929	5,939	
33	Upper Mán River Works ...	190	3,476	...	...	190	3,476	3,666	
34	Yerla River Irrigation Works ...	2,151	15,111	...	6	2,151	15,105	17,256	
35	Chikhli Canal	864	874	...	...	864	874	1,738	
36	Maini Tank	689	6,464	...	...	689	6,464	7,153	
37	Muchkundi Tank	...	...	...	...	...	...	...	
38	Gadikeri do.	...	...	...	...	...	...	...	
39	Gokák Canal, 1st Section, and Storage Works	17,281	7,023	...	...	17,281	7,023	24,304	
40	Dámbal Tank	49	276	...	...	49	276	325	
41	Medleri do.	472	56	...	...	472	56	528	
42	Asundi do.	434	221	...	...	434	221	655	
43	Madag do.	1,157	884	...	...	1,157	884	2,041	
44	Mávinkop do.	...	...	...	...	...	...	...	
45	Dharma Canal	2,690	...	...	...	2,690	...	2,690	
	Total, Minor Works ...	47,691	80,618	31	50	47,660	80,568	1,28,228	
	Grand Total ...	8,80,002	3,18,006	34	50	8,79,968	3,17,956	11,97,924	

STATEMENT I-F.

Statement showing water-rates per acre in force during 1915-1916 on Irrigation Works in the Bombay Presidency, excluding Sind.

No.	Names of Works.	Water-rates. Irrigation in lift.	Perennial.	Early eight months.	Monsoon four months.	Rabi, four months.	Hot weather.	Miscellaneous.	Single watering.	Occupier's rate.	Owner's rate.	Water advantage.	Remarks.
1	2	3	4	5	6	7	8	9	10	11	12	13	14
		Rs.	Rs.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.				
	MAJOR WORKS.												
	Protective Works.												
1	Pravara River Works—Pravara Right Bank Canal. (*a*) §	...	...	.....	2 0 0	3 0 0	4 0 0	.....	1 0 0				(*a*) Sanctioned until further orders, *vide* Government Resolutions No. A.I.—1902, dated 1st September 1910, and No. A. I-3586, dated 8th March 1913.
2	Girna Left Bank Canal. (*b*) §	...	14	8 0 0	3 0 0	5 0 0	6 0 0	.....	1 0 0				(*b*) Rates sanctioned in Government Resolutions Nos. A.I.—1431 and 1961, dated 28th June 1910 and 4th October 1911 respectively.
3	Godavari Right Bank Canal (*c*) §	...	15	8 0 0	3 0 0	5 0 0	7 0 0	.....	¶1 0 0 ‖2 0 0				* For Sugarcane and Pan gardens.
	Godavari Left Bank Canal (*cc*) §	...	15	8 0 0	3 0 0	5 0 0	7 0 0	.....	¶1 0 0 ‖2 0 0				† For Perennial crops other than Sugarcane and Pan gardens.
4	Nira Canal (*d*)	16	A 35 B 30	8 0 0	3 0 0	5 0 0	7 0 0	.....	1 0 0 *2 0 0				(*c*) Sanctioned in Government Resolution No. A. I.—1526 of 26th July 1911.
	Shetphal Tank (*d*)	...	† 15										(*cc*) Sanctioned in Government Resolution No. 4514 of 15th May 1912.
5	Mhasvad Tank § (*e*)	...	13	7 0 0	3 0 0	4 0 0	6 0 0	.....	1 0 0				¶ From 15th June to 14th February for ordinary crops.
	Productive Works.												‖ From 15th February to 14th June for ordinary crops and for Sugarcane and Pan gardens throughout the whole year.
9	Hathmati Canal (*m*)	...	10	3 0 0	1 0 0	2 0 0	6 0 0	.....	.....				(*d*) Sanctioned in Government Resolutions No. A.I.—2213, dated 15th October 1910, and No. W. I.—1012, dated 19th May 1911.
	Khari Cut (*m*)	...	14	7 0 0	1 0 0	5 0 0	6 0 0	.....	.....				(A) For Sugarcane.
10	Lower Panjhra River Works (*f*) ...	...	...	6 0 0	2 0 0	4 0 0	6 0 0	.....	1 0 0	Nil.	Nil.	Nil.	(B) For Pan-gardens.
11	Kádva River Works. Pálkhed Canal ...	...	(*g*) (i) 20 (ii) 14	6 0 0	2 0 0	4 0 0	6 0 0	.....	2 0 0				(*c*) In force till 31st March 1916, *vide* Government Resolution No. A.I.—235, dated 2nd February 1911.
	Ojhár-Tambat Canal.												(*m*) Rates sanctioned until further orders, *vide* Government Resolution No. W.I.—1112, dated 12th July 1894.
	Wadáli Canal ...		(*y*) * 26 † 13	7 0 0	2 0 0	5 0 0	6 0 0	.....	2 0 0				(*f*) In force for 5 years until 1st March 1916, *vide* Government Resolution No. A.I.—948, dated 9th May 1911.
12	Pravara River Works—Lakh Canal (*h*)	...	8	4 0 0	0 8 0	2 0 0	4 0 0	.....	.....				(*g*) Rates for leased areas to be in force till 15th February 1918 on which date the leases will expire.
13	Mutha Canals and Matoba Tank (*z*) Sugarcane under the Mutha Canal within the Poona City and Suburban Municipality and Cantonment limits or within one mile of those limits.	...	50	8 0 0	3 0 0	5 0 0	7 0 0	.....	1 0 0 *2 0 0				(i) For the whole year.
	Sugarcane on all remaining land commanded by both the canals.		40										(ii) For crops irrigated by canal water during the monsoon and rabi seasons and by wells during the hot weather.
	Sugarcane under the Matoba Tank.		30										(*y*) Rates for areas outside leased areas to be in force for 5 years ending 15th June 1919, and these rates will also appiy to the leased areas on expiry of the present leases till 15th June 1919.
	Pán gardens		30										(*h*) Sanctioned in Government Resolution No. A.I.—5237, dated 7th May 1914, and will be in force till 31st March 1918 unless water from Lake Arthur Hill is available before then.
	Perennial crops other than Sugarcane and Pan gardens.		15										(*z*) Rates sanctioned for 10 years from 16th February 1911 to 15th February 1921, *vide* Government Resolution No. A.I.—2213, dated 15th October 1910.
14	Ekrúk Tank (*e*) §	...	15	8 0 0	3 0 0	5 0 0	7 0 0	.....	1 0 0				(*n*) Sanctioned for a term of 10 years or up to 15th June 1920, *vide* Government Resolution No. A. I.—2395, dated 14th November 1910.
15	Krishna Canal (*n*)	...	15† 30*	8 0 0	3 0 0	5 0 0	7 0 0	.....	1 0 0 *2 0 0				(*o*) Rates sanctioned in Government Resolution No. A.I.—1939, dated 6th September 1910, are continued up to 15th June 1917, *vide* Government Resolution No. A. I.—1690, dated 14th October 1915.
	MINOR WORKS AND NAVIGATION.												(*p*) Rates sanctioned in Government Resolution No. A.I.—1128, dated 13th May 1910 are continued up to 31st July 1920, *vide* Government Resolution No. A. I.—10155 dated 14th September 1915.
16	Wangroli Tank (*o*)	...	...	6 8 0	2 8 0	4 0 0	6 0 0	For rice 4 0 0	1 8 0				(*q*) Rates sanctioned in Government Resolution No. A.I.—1335, dated 14th June 1910, for 5 years ending 15th June 1915, and the rates are continued *vide* Government Resolution No. A. I.—287, dated 10th January 1916 up to 15th June 1920.
17	Tranza-Nagramma Tanks (*p*) ...	...	...	6 0 0	2 0 0	4 0 0	6 0 0	For rice 4 0 0	1 0 0				
18	Savali Tank (*q*)	...	...	8 0 0	4 0 0	4 0 0	6 0 0	.....	1 0 0				

Note—(1) For lift irrigation half the ordinary rates are charged.
(2) Double the ordinary rates are charged as penal rates for taking water without permission.
(3) Leakage or percolation rates are the same as ordinary rates.

§ For Sugarcane and Pán gardens double the ordinary rates are charged.

STATEMENT I-F—*concluded.*

No.	Names of Works.	Water-rates. Irrigation in blocks.	Perennial.	Early eight months.	Monsoon four months.	Rabi four months.	Hot weather.	Miscellaneous.	Single watering.	Occupier's rate.	Owner's rate.	Water advantage.	Remarks.
1	2	3	4	5	6	7	8	9	10	11	12	13	14
	MINOR WORKS AND NAVIGATION—*concluded.*		Rs. a.	Rs. a. p.	Rs. a. p	Rs. a.	Rs. a.	Rs. a. p.	Rs. a. p.				
19	Sahiat Tank (*r*)	...	...	6 8 0	2 8 0	4 0 0	6 0 0	For rice 4 0 0	1 8 0				(*r*) Sanctioned in Government Resolution No. A. I.—309, dated 15th February 1911, for a period of 3 years and the same rates are continued for a further period of 5 years ending 31st March 1918 as per Government Resolution No. A.I.—6685, dated 27th June 1913.
20	Hartála Tank (*i*)	...	10 0	4 0 0	1 0 0	2 0	4 0	.....	{ 1 0 0 † 2 0 0				(*i*) In force till 31st March 1916, *vide* Government Resolutions No. A.I.—1469, dated 10th February 1913, and No. A.I.—6683, dated 27th June 1913.
21	Mhasva Tank (*i*)	...	10 0	4 0 0	1 0 0	2 0	4 0	.....	{ 1 0 0 † 2 0 0				
22	Jámda Canals (*i*)	...	16 0	4 0 0	1 0 0	2 0	4 0	.....	{ 1 0 0 † 2 0 0				(*j*) Rates sanctioned in Government Resolution No. A.I.—17[5]4, dated 10th August 1910, up to 14th June 1921. Water is not to be reserved for perennial Irrigation.
23	Parsul Tank (*j*)	...	...	7 0 0	2 0 0	5 0	8 0	.....	1 0 0				(*k*) Sanctioned in Government Resolutions No. A.I.—1460, dated 9th June 1909, and No. A.I.—2051, dated 24th August 1909. In force until an improved supply is provided by the storage work of the Pravara River project.
24	Pravara River Works—Pravara Left Bank Canal.(*k*)	...	...	5 0 0	2 0 0	3 0	4 0	.....	1 0 0				
25	Bhátodi Tank(*l*)	...	(i) 14 8	6 8 0	2 8 0	4 0	8 0	.....	1 0 0				(*l*) In force till 15th October 1920, *vide* Government Resolution No. A.I.—13135, dated 28th November 1914.
26	Kásurdi do. (*d*) §	...	...	6 8 0	2 8 0	4 0	6 0	.....	{ 1 0 0 † 2 0 0				(i) For the whole year.
27	Shirsuphal do. § (*d*)...	...	...	8 0	2 8 0	4 0	6 0	.....	{ 1 0 0 † 2 0 0				(*d*) Rates sanctioned for 10 years from 16th February 1911 to 15th February 1921, *vide* Government Resolution No. A. I.—2215 and W. I.—1012, dated 15th October 1910 and 19th May 1911 respectively.
28	Bhádalvádi do. §(*d*)	...	...	6 8 0	2 8 0	4 0	6 0	.....	{ 1 0 0 † 2 0 0				† For Sugarcane and Pan gardens.
29	Koregaon do. §(*e*)	...	13 0	7 0 0	3 0 0	4 0	6 0	.....	1 0 0				(*e*) In force till 31st March 1916, *vide* Government Resolution No. A. I.—235, dated 2nd February 1911.
30	Ashti do. §(*e*)	...	13 0	7 0 0	3 0 0	4 0	6 0	.....	1 0 0				
31	Páthri do. §(*e*)	...	13 0	7 0 0	3 0 0	4 0	6 0	.....	1 0 0				
32	Revári Canal (*s*)	...	{ * 12 0 † 24 0	6 0 0	2 0 0	4 0	6 0	.....	{ 1 0 0 † 2 0 0				(*s*) Sanctioned for a term of 10 years or up to 15th June 1920, *vide* Government Resolution No. A.I.—2395 of 14th November 1910.
33	Upper Man River Works (*s*) ...	...	{ * 12 0 † 24 0	6 0 0	2 0 0	4 0	6 0	.....	{ 1 0 0 † 2 0 0				* For Perennial crops other than Sugarcane and Pan gardens.
34	Yerla River Irrigation Works (*s*) ...	...	{ * 12 0 † 24 0	6 0 0	2 0 0	4 0	6 0	.....	{ 1 0 0 † 2 0 0				(*t*) In force from 1st October 1913 as per Government Resolution No. A.I.—3685 dated 27th March 1914, for a term of 5 years. Water is allowed free of charge for non-perennial crops for the same period.
35	Chikhli Canal (*s*)	...	{ * 12 0 † 24 0	6 0 0	2 0 0	4 0	6 0	.....	{ 1 0 0 † 2 0 0				(*u*) Sanctioned for a period of 5 years from 1st April 1915 to 31st March 1920, *vide* Government Resolution No. A.I.—6068 of 26th May 1915.
36	Maini Tank (*s*)	...	{ * 12 0 † 24 0	6 0 0	2 0 0	4 0	6 0	.....	{ 1 0 0 † 2 0 0				(i) For the whole year.
37	Muchkundi Tank (*t*)	...	8 0	4 0 0	.....	...	...	.....	.....				(ii) For sugarcane irrigated between 15th June and 14th February.
38	Gadikeri do.	...	...	.....	.....	...	...	.....	.....				
39	Gokak Canal, 1st Section, and Storage Works (*u*)	...	{ (i) 22 0 (ii)16 0	8 0 0	3 0 0	5 0	15 0	.....	1 0 0				(*v*) Sanctioned for a period of 5 years from 1st April 1915 to 31st March 1920, *vide* Government Resolution No. A.I.—5425 of 8th May 1915.
40	Dambal Tank (*v*)	...	14 0	{ *a* 5 0 0 *b* 7 0 0	{ *e* 3 8 0	{ *c* 3 8 *d* 3 8	{ *f* 6 0	.....	{ *e* 1 0 0 *g* 2 0 0				*a* From 15th June to 15th February.
41	Medleri do.(*v*)	...	14 0	{ *a* 5 0 0 *b* 7 0 0	{ *e* 3 8 0	{ *c* 3 8 *d* 4 0	{ *f* 6 0	.....	{ *e* 1 0 0 *g* 2 0 0				*b* „ 15th October to 15th June or 1st August to 31st March.
42	Asundi do.(*v*)	...	14 0	{ *a* 5 0 0 *b* 7 0 0	{ *e* 3 8 0	{ *c* 3 8 *d* 4 0	{ *f* 6 0	.....	{ *e* 1 0 0 *g* 2 0 0				*c* „ 15th June to 15th October or 15th July to 30th November.
43	Madag do.(*v*)	...	10 0	{ *a* 5 0 0 *b* 7 0 0	{ *e* 3 8 0	{ *c* 3 8 *d* 4 0	{ *f* 6 0	.....	{ *e* 1 0 0 *g* 2 0 0				*d* „ 15th October to 15th February.
44	Mávinkop do.	...	...	.....	.....	...	...	.....	.....				*e* „ 15th June to 15th October.
45	Dharma Canal (*w*)	...	14 0	{ *a* 5 0 0 *b* 7 0 0	{ *e* 3 8 0	{ *c* 3 8 *d* 4 0	{ *f* 6 0	.....	{ *e* 1 0 0 *g* 2 0 0				*g* „ 16th October to 14th June.
										Nil.	Nil.	Nil.	*f* „ 15th February to 15th June.
													w „ Rates sanctioned for 5 years, *vide* Government Resolution No. A.I.—3962 of 10th April 1913.

Note—(1) For lift irrigation half the ordinary rates are charged.
(2) Double the ordinary rates are charged as penal rates for taking water without permission.
(3) Leakage or percolation rates are the same as ordinary rates.

§ For Sugarcane and Pán gardens double the ordinary rates are charged.

STATEMENT G.

Statement showing Areas and Water-rate Assessments in the Bombay Presidency, excluding Sind, during 1915-1916, according to the system of classification adopted in fixing the Scale of Water-rates.

No.	Name of Works.	Irrigation in Blocks.		Perennial.		8 Months.		Monsoon—4 Months.		Rabi—4 Months.		Hot Weather.		Miscellaneous.		Grand Total.		Remarks.
		Areas.	Assessment.	Areas.	Assessment.	Areas.	Assessment.	Areas.	Assessment.	Areas.	Assessment.	Areas.	Assessment.	Areas.	Assessment.	Areas.	Assessment.	
	Major Works.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	
	Protective Works.																	
1	Pravara River Works—Pravara Right Bank Canal	...	...	1,191	6,317	524	400	341	651	1,516	5,912	100	432	22	31	3,694	13,773	
2	Chankapur Tank—Girna Left Bank Canal	...	...	234	2,443	1,389	7,119	...	...	35	107	41	245	11	*1,677	1,710	11,591	* Includes minimum charges on areas leased out. † This represents the area in the basin of Lake Beale let out for cultivation and measured as per G. R. No. A.I. —7200 of 19th August 1912. As a uniform rate of Rs. 2 was to be levied the areas were not measured distinctly for each crop and hence the areas cannot be classified in respect of different crops. ** This includes the difference, *viz.* 4,141 between the amount of water rates charged according to the areas actually measured and the amount to be recovered from the irrigators according to the areas appearing in their applications for 8 months leases.
3	Lake Beale	...	...	...	...	...	...	...	...	1,079	2,496	...	...	...	...	†1,079	2,496	
	Girnavari Right Bank Canal	...	...	2,783	85,177	859	4,768	128	421	12,101	59,519	178	1,303	...	...	16,099	1,50,188	
	Girnavari Left Bank Canal	...	...	334	10,103	471	2,488	79	238	1,852	9,272	63	381	...	...	2,799	22,482	
4	Nira Canal including Shetphal Tank.	16,946	2,63,517	3,653	79,362	3,891	31,302	6,015	18,123	18,870	97,130	25	250	1,460	6,823	50,859	5,01,512	
5	Mhasvad Tank	...	...	145	1,921	1,088	10,769**	645	1,669	5,399	22,757	22	115	46	125	7,305	37,355	
	Total	16,946	2,63,517	8,389	1,85,353	8,222	56,843	7,163	21,107	40,852	1,96,193	429	2,726	1,539	8,656	83,545	7,39,395	
	Average rate	...	15·85	...	22·09	...	6·91	...	2·94	...	4·80	...	6·35	...	5·62	...	8·85	
	Productive Works.																	
9	Hathmati and Khari Cut Canals combined	...	...	2341	515	270	1,770	669	1,449	117	157	85	291	133	136	1,508	§4,318	
10	Lower Panjhra River Works	...	...	17	162	477	1,455	6	16	611	2,502	2	10	...	...	¶1,113	¶4,145	
11	Kádva River Works. Wághad Tank	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	Palkhed Canal	...	...	1,068	9,915	931	4,273	...	...	24	117	66	401	6	*993	2,095	15,699	
	Ojhar Támbat Canal.	...	...	404	3,371	358	1,672	...	...	10	34	21	94	4	*314	797	5,485	
	Wadali Canal	...	...	94	624	113	548	...	...	...	...	5	27	2	*83	214	1,282	
12	Pravara River Works—Lákh Canal	...	...	27	203	67	278	176	89	317	558	3	14	...	...	590	1,141	
13	Mutha Canals, including Matoba Tank. Within the Poona City Suburban Municipal and Cantonment limits or within one mile of those limits	...	...	910	32,048	791	* 6,328	2,027	6,081	2,349	11,745	94	658	521	2,792	11,524	1,99,434	
	On all the remaining land commanded by both Canals	...	...	4,493	1,35,070													
	'Pán' gardens wherever situated throughout the Canals	...	...	6	116													
	All lands commanded by both canals	Tail portion perennials.		62	526													
	Do. do.	...	...	5,471	1,67,765													
	Mátoba Tank	...	...	271	4,965													
				5,742	1,71 830													
14	Ekrúk Tank	...	...	189	5,656	383	2,405	905	2,715	753	4,049	93	647	613	3,774	2,936	19,246	
15	Krishna Canal	...	...	2,012	62,156	671	4,742	504	13,034	62	186	5	177	80	906	3,424	71,201	
	Total	...	...	9,787	2,54,432	4,061	23,471	4,377	13,384	4,243	19,348	374	2,319	1,359	8,998	24,201	3,21,951	
	Average rate	...	...	...	25·99	...	5·77	...	3·05	...	4·56	...	6·20	...	6·62	...	13·30	
	Minor Works and Navigation.																	
16	Wangroli Tank	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
17	Tranza-Nagramma Tanks	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
18	Savli Tank	...	...	...	...	...	...	...	...	550	1,096	...	...	...	...	550	1,096	
19	Sahiat do.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
20	Hartúla do.	...	...	6	58	14	52	1	1	90	181	1	4	...	...	112	295	
21	Mhasva do.	...	...	7	50	33	131	...	...	693	1,416	22	76	...	...	755	1,673	
22	Jámda Canals	...	...	333	4,918	366	1,190	67	83	1,349	3,798	48	174	...	...	2,153	9,193	
23	Parsul Tank	...	...	97	756	818	4,213	...	...	387	811	27	238	7	175	1,336	6,191	
24	Pravara River Works—Pravara Left Bank Canal	...	...	4	18	15	45	...	...	1,193	3,882	...	...	...	...	1,212	3,745	
25	Bhátodi Tank	...	...	10	103	5	13	...	...	1,006	4,099	...	...	...	...	1,021	4,218	
26	Kásurdi do.	...	...	...	...	2	13	32	80	77	382	...	...	3	13	114	488	
27	Shirsuphal do.	...	...	4	40	2	13	184	460	833	3,437	...	...	10	39	1,033	3,990	
28	Bhádalvádi do.	...	...	5	60	...	...	160	400	1,293	5,277	...	...	31	133	1,429	5,870	
29	Koregaon do.	...	...	...	...	...	...	35	107	512	2,617	...	...	67	401	614	3,125	
30	Ashti do.	...	...	28	340	301	2,215	200	1,360	2,512	11,327	...	...	2	4	3,043	15,246	
31	Páthri do.	...	...	1	15	102	662	123	381	1,213	5,473	...	...	37	272	1,476	6,803	
32	Revári do.	...	...	84	2,102	41	206	745	3,160	42	95	36	276	3	10	951	5,940	
33	Upper Mán River Works	...	...	7	92	94	406	745	3,096	29	70	...	...	1	2	876	3,666	
34	Yerla River Irrigation Works	...	...	95	1,620	801	3,192	2,954	11,954	109	232	37	232	7	26	4,003	17,256	
35	Chikhli Canal	...	...	37	885	138	554	48	268	4	10	...	...	5	21	232	1,738	
36	Maini Tank	...	...	27	221	386	2,287	1,330	4,645	...	...	...	...	...	...	1,743	7,153	
37	Muchkundi do.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
38	Gadikeri do.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
39	Gokák Canal, 1st Section and Storage Works	...	...	169	3,169	873	7,032	2,050	6,167	1,447	7,002	118	900	18	34	4,666	24,304	
40	Dámbal Tank	...	...	3	44	...	...	1	5	68	276	...	...	...	...	72	325	
41	Medleri do.	...	...	27	358	3	14	34	127	8	29	...	...	...	...	72	528	
42	Asundi do.	...	...	17	83	44	308	52	201	16	61	...	...	1	2	130	655	
43	Madag do.	...	...	3	20	44	309	323	1,140	142	570	...	...	2	2	514	2,041	
44	Mávinkop do.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
45	Dharma Canal	...	...	...	...	...	...	523	2,690	...	...	...	...	...	...	522	2,690	
	Total	...	...	1,005	15,075	4,022	22,855	9,606	36,325	13,513	50,941	239	1,898	194	1,134	28,629	1,28,229	
	Average rate	...	...	...	15·00	...	5·68	...	3·78	...	3·77	...	6·57	...	5·84	...	4·48	
	Grand Total	16,946	2,63,517	19,181	4,54,860	16,305	1,03,169	21,151	70,816	58,608	2,66,482	1,092	6,943	3,092	18,788	1,36,375	11,80,575	
	Average rate	...	15·85	...	23·71	...	6·32	...	3·35	...	4·54	...	6·36	...	6·08	...	9·01	

Note.—The difference between the figures of total areas and assessments in this statement and those in Statements I—E to IV—E is due to difference in treatment of fractions in some cases, and in others to the fact that the figures in this statement are more or less hypothetical and are arrived at on the assumption that certain areas are assessed at certain rates.

‡ This includes 142 acres for which water was given to sugarcane in different seasons.

§ Rs. 3 in kharif have had to be remitted as free grants owing to water rate on account of Bheja (percolation) formerly assessed.

¶ Exclusive of 1,812 acres of Mamul Bágáyat area on the Lower Pánjhra River Works.

‖ Exclusive of Rs. 8,352 on account of enhanced water-rate on old works of the Lower Pánjhra River Works.

STATEMENT

Statement showing operations of the year 1915-1916

No.	Names of Works.	Amount of Estimate, Direct and Indirect.	Capital Outlay, Direct and Indirect.		Length of		Area under Command.	
			During 1915-1916.	To end of 1915-1916.	Canal.	Distributaries.	Gross.	Irrigable at present.
1	2	3	4	5	6	7	8	9
	MAJOR WORKS.	Rs.	Rs.	Rs.	Miles.	Miles.	Acres.	Acres.
	Protective Works.							
1	Pravara River Works—Pravara Right Bank Canal	(a) 76,10,826	8,04,342	59,19,491	33	13	73,763	24,656
2	Chankápur Tank—Girna Left Bank Canal	17,69,596	38,870	18,84,810	13·11	9·93‖	18,982	Information not available.
3A	Darna Dam	(a)						
3B	Godávári Right Bank Canal ... Godavari Left Bank Canal ...	95,61,044	3,03,859	98,36,251	62 48	48 9·46	1,44,310 88,080	33,501 15,310
4	Nira Canal, including Shetphal Tank	*89,49,307 * 8,06,034	2,175	64,61,071	100·25 6·54	139	274,447	117,480
5	Mhasvad Tank	*27,84,496	...	20,96,016	66·25	43·36	129,045	24,800
	Total ...	3,14,81,303	11,49,246	2,61,97,639	329·15	262·75	728,627	215,747
	Productive Works.							
9	Háthmati and Khári Cut Canals combined	7,62,392 2,07,384	870	13,15,973	60	57	44,744 32,000	8,000 16,000
10	Lower Pánjhra River Works	*7,04,681	...	4,68,621	...	45	13,117	12,627
11	Kádva River Works ... Wághad Tank ... Pálkhed Canal ... Ojhar Támbat Canal Wadáli Canal ...	*7,01,730 *4,66,402 *17,785 *63,461	...	10,34,191	... 11 4·50 8·62	... 14·36	... 28,832 8,055 3,486	... 9,837 2,367 2,433
12	Pravara River Works—Lákh Canal ..	*7,60,764	...	3,71,891	23	9·37	29,913	11,280
13	Mutha Canals, including Mátoba Tank.	* 1,23,73,762 2,10,500	1,68,620	78,85,163	88	67 17	94,087 10,700	16,800 3,250
14	Ekruk Tank	21,35,580	...	13,40,386	48	1·68	17,152	16,941
15	Krishna Canal	16,60,896	1,502	9,42,476	63·87	...	28,327	12,320
	Total ...	2,00,65,337	1,70,992	1,33,58,701	306·99	211·41	310,413	111,855
	Total, Major Works ...	5,15,46,640	13,20,238	3,95,56,340	636·14	474·16	1,039,040	327,602
	MINOR WORKS AND NAVIGATION.							
16	Wángroli Tank	2,48,544	16,394	2,86,431	13·79	...	5,000	3,400
17	Tránza-Nagrámma Tanks	3,12,734	...	2,80,635	7·60	...	1,500	800
18	Sávli Tank	2,49,228	...	2,55,210	8·35	1·32	4,700	3,000
19	Sahiat do.	1,86,782	...	1,84,029	9·25	0·85	4,000	2,000
20	Haitála do.	75,040	...	73,382	...	5·50	584	415
21	Mhasva do.	1,40,015	...	1,38,956	...	7·00	4,647	1,700
22	Jámda Canals	10,88,640	...	10,41,089	39	75·00	46,288	5,000
23	Parsul Tank	2,23,612	...	2,14,995	...	4·75	3,337	1,000
24	Pravara River Works—Pravara Left Bank Canal‡	3,48,211	...	3,47,550	19	21	23,724	14,763‡
25	Bhátodi Tank	3,78,278	...	3,79,707	4·50	2·56	15,126	12,124
26	Kásurdi do.	45,950	...	45,590	...	1·75	597	150
27	Shirsuphal do.	2,22,282	...	2,24,568	...	12·50	4,500	1,800
28	Bhádalvádi do.	2,28,724	...	2,27,422	...	9·75	3,000	2,000
29	Koregaon do.	42,049	...	39,189	3·75	...	2,394	1,050
30	Ashti do.	8,34,927	...	8,36,091	27·50	3·15	17,882	11,780
31	Páthri do.	6,72,856	15	6,42,846	4·66	3·33	5,000	2,500
32	Revári Canal	59,448	...	59,811	10·25	...	3,813	1,920
33	Upper Man River Works	4,44,531	...	4,39,286	17·50	6·50	8,443	2,080
34	Yerla River Irrigation Works... ...	7,45,314	...	7,64,870	33·33	4·00	11,234	5,480
35	Chikhli Canal	57,415	...	57,442	6·50	...	1,871	1,478
36	Maini Tank	3,90,492	...	4,87,650	9·25	7·58	4,876	4,625
37	Muchkundi do.	1,68,420	...	1,58,707	...	...	5,570	750
38	Gadikeri do.	17,531	...	16,918	...	...	687	417
39	Gokák Canal, 1st Section, and Storage works	15,40,882	...	13,81,922	16·13	35·43	18,668	17,627
40	Dambal Tank	64,906	...	63,980	...	3·27	3,000	1,000
41	Medleri do.	81,705	...	81,392	...	4·87	1,916	600
42	Asundi do.	80,485	...	74,995	...	4·86	1,800	1,011
43	Madag do.	2,40,407	...	1,67,598	9·00	...	2,851	1,345
44	Mávinkop do.	34,384	...	33,504	...	2·79	872	617
45	Dharma Canal.	98,834	2,855	85,074	19·00	13·00	13,562	12,870
	Total, Minor Works ...	93,31,126	19,264	90,90,839	258·36	230·76	221,442	115,302
	GRAND TOTAL ...	6,08,77,766	13,39,502	4,86,47,179	894·50	704·92	1,260,482	442,904

(a) Figures are for both Pravara Right and Left Bank

.1.

on the Bombay Presidency, exclu'i g Sind.

Rainfall.	Discharge of Canal at head, cubic feet per second.	Area Applied for.	Area Irrigated.	Amount of gross Assessment.	Realizations.	Working Expenses.	Net Revenue.	Remarks.
10	11	12	13	14	15	16	17	18
Inches.		Acres.	*Acres.	Rs.	Rs.	Rs.	Rs.	
27·48	65·93	4,276	3,694	14,510	15,975	20,376	—4,401	* Includes interest charges during construction.
21·90	34·86	2,306	1,710	11,773	11,127	18,853	—7,726	
40·41	187·60	1,079	1,079					
26·51	76·13	18,725	16,099	1,84,949	1,91,436	1,47,066	44,370	‡ The Canal closed temporarily for widening, etc.
27·12		3,114	2,799					
25·94	285	Information not available.	50,859	5,11,961	5,54,670	1,55,923	3,98,747	‖ Revised according to the present condition of the work.
31·07	22							
27·28	37·65	6,600	7,305	40,789	43,216	20,502	22,714	
...	.....	36,100	83,545	7,63,982	8,16,424	3,62,720	4,53,704	
14·04	10	476	532	15,609	24,425	44,356	—19,931	
12·04	16	623	976					
19·20	8·46	1,201	1,113	17,473	16,603	6,445	10,158	† Under consolidated assessment.
			†1,812					
...	.....	...	.....	5 0	617	3,090	—2,473	
28·71	17·80	2,427	2,095	17,138	16,879	9,326	7,553	
25·59	4·68	936	797	5,632	5,173	1,600	3,573	
27·77	4·97	273	214	1,311	1,475	1,246	229	
25·71	15·31	1,073	590	2,177	2,353	2,851	—498	
36·78	153	Information not available.	11,524	3,71,312	3,66,724	1,53,942	2,12,782	§ These tanks are worked only during the monsoon and rabi seasons; hence the average discharge is for the eight months' period and not for the whole year.
20·52	4·95§							
23·66	50·28	2,900	2,936	82,248	81,952	13,917	68,035	
32·18	71·77	4,017	3,424	82,236	79,295	13,959	65,336	
...	.....	13,926	24,201 †1,812	5,95,753	5,95,496	2,50,732	3,44,764	
...	.....	50,026	107,746 †1,812	13,59,735	14,11,920	6,13,452	7,98,468	
12·09	.....	...	.....	211	863	13,344	—12,481	
11·31	.....	...	.....	68	—124	1,974	—2,098	
16·09	35·57	499	550	1,458	1,700	6,060	—4,360	
10·12	.....	...	.....	72	366	7,445	—7,079	
44·04	0·28	205	112	605	507	382	125	
24·62	4·65	733	755	5,057	3,311	1,850	1,461	
27·56	44·35	2,512	2,153	12,058	12,164	9,675	2,489	
16·13	3·89	1,108	1,336	6,443	5,204	3,133	2,071	
27·48	9·24	1,698	1,212	6,909	3,283	5,803	—2,520	
29·39	2·74	1,026	1,021	8,684	8,479	3,251	5,228	
24·33	.....	Information not available.	114	674	523	648	—125	
20·44	§ 2·59		1,033	4,108	3,671	2,115	1,556	
20·21	§ 3·79		1,429	5,958	6,150	2,799	3,351	
35·75	1·50	600	614	3,167	2,856	959	1,897	
28·39	5·67	3,000	3,043	16,639	18,763	7,052	11,711	
30·89	2·74	1,450	1,476	7,063	7,576	3,462	4,114	
34·02	4·44	1,273	951	6,049	6,915	2,014	4,901	
17·20	4·43	1,038	876	3,866	4,371	1,946	2,425	
27·24	15·64	6,810	4,003	19,131	21,486	13,339	8,147	
25·84	4·91	672	232	1,901	2,717	855	1,862	
22·26	7·26	1,894	1,743	7,231	7,925	2,817	5,108	
20·19	.....	...	.....	1,508	1,508	316	1,192	
29·02	.....	...	†377	2,061	2,061	343	1,718	
21·68	43·32	5,432	4,666	42,399	45,938	10,998	34,940	
20·67	0·55	128	72	1,478	1,180	1,259	—79	
			† 144					
11·64	0·76	111	72	779	646	919	—273	
22·15	1·14	184	130	1,372	1,487	1,127	360	
			† 190					
21·12	9·42	528	514	2,303	1,899	1,984	—85	
No gauge.	.....	...	† 597	2,244	2,244	823	1,421	
77·91	13·96	145	522	—2,153	—3,507	2,524	—6,031	
			† 7,861					
...	.....	31,046	28,629 † 9,169	1,69,343	1,72,162	1,11,216	60,946	
...	.....	81,072	1,36,375 †10,981	15,29,078	15,84,082	7,24,668	8,59,414	

Canals and for Godavari Right and Left Bank Canals.

STATISTICAL STATEMENTS

FOR

IRRIGATION WORKS, SIND,

FOR THE YEAR 1915-1916.

STATEMENT

Statement of Canals in the Indus

	Major Works.			
	Begári Canals District.			
	Desert Canal.	Unhárwah.	Begári Canal.	Total.
1	2	3	4	5
Source of supply of water	River Indus.	River Indus.	Wadhu Dhand *ex* River Indus.	...
Minimum discharge of water. ...C. ft. per sec.	...	...	...	...
Maximum discharge of Canal ,, ,,	4,926	2,612	7,915	...
Average annual rainfall ... ...Inches.	3·08	4·74	3·05	...
Gross area commanded ... ...Acres.	388,985	246,970	751,680	1,387,635
Culturable area commanded ... ... ,,	388,985	214,056	680,521	1,283,562
Area irrigable by complete project ... ,,	129,660	112,025	340,260	581,945
Area irrigable at present ... ... ,,	129,660	112,025	340,260	581,945
Sanctioned Estimate.				
Direct charges ... ... Rs.	26,40,891	7,68,050	24,69,981	58,78,922
Indirect charges ... ... ,,	79,665	20,780	64,606	1,65,051
Interest during construction... ... ,,	24,91,100	6,53,112	28,57,963	60,02,175
Total, Estimate ... Rs.	52,11,656	14,41,942	53,92,550	1,20,46,148
Expenditure to end of 1915-1916.				
Direct charges ... ... Rs.	26,40,891	7,68,050	23,72,143	57,81,084
Indirect charges ... ... ,,	79,665	20,780	78,544	1,78,989
Interest during construction... ... ,,	24,91,100	6,53,112	28,57,963	60,02,175
Total, Expenditure ... Rs.	52,11,656	14,41,942	53,08,650	1,19,62,248
Works as now sanctioned.				
Main Canals Irrigation ... ... Miles.	96	34	80	210
Branch Canals ... ... ,,	175	82	114	371
Distributaries ... ... ,,	65	5	54	124
Of the above—				
Navigable Canals ... ... Miles.	4	...	58	62
Works completed at end of 1915-1916.				
Main Canals Irrigation ... ... Miles.	96	34	80	210
Branch Canals ... ... ,,	175	82	114	371
Distributaries ... ... ,,	65	5	54	124
Of the above—				
Navigable Canals ... ... Miles.	4	...	58	62

N. B.—Reasons for increases and decreases in mileage of canals are given

I-A.

Right Bank Division for 1915-1916.

	Minor Works for which Capital and Revenue Accounts are kept.			Minor Works for which only Revenue Accounts are kept.		
Shikárpur Canals District.	Ghár Canals District.		Karáchi Canals District.	Shikárpur Canals District.	Western Nára District.	Karáchi Canals District.
Mahiwah.	Sukkur Canal.	Ghár Canal.	Sattah Canal.	Other Canals.	Other Canals.	Other Canals.
6	7	8	9	10	11	12
Gudu Dhand *ex* River Indus.	River Indus.	River Indus.	River Indus.	River Indus.	River Indus.	River Indus.
...	...	...	...	...	...	...
2,319	2,840	10,444	1,356	...	...	...
0·67	0·79	1·10	4·45	0·67	1·10	2·41
200,251	246,713	505,649	61,102	477,924	990,586	6,158,771
120,594	162,118	395,944	23,757	401,764	715,718	1,799,083
65,950	90,000	250,000	23,757	244,995	405,311	1,295,923
65,950	90,000	250,000	14,059	244,995	397,696	233,244
14,45,248	13,64,754	5,48,405	1,74,028	...	...	...
72,108	61,496	30,854	6,051	...	...	...
6,43,522	...	...	...	...	...	...
21,60,878	14,26,250	5,79,259	1,80,079	...	...	...
13,78,375	13,64,754	5,48,405	1,74,028	...	...	...
58,792	61,496	30,854	6,051	...	...	...
6,43,522	...	...	...	...	...	...
20,80,689	14,26,250	5,79,259	1,80,079	...	...	...
29	74	39	30	184	351	470
177	56	123	6	96	313	463
87	...	144	...	...	14	...
...	...	103	4	...	268	164
29	74	39	30	184	351	470
177	56	123	6	96	313	463
87	...	144	...	...	14	...
...	...	103	4	...	268	164

in Table No. VI accompanying the Irrigation Revenue Report for 1915-16

STATEMENT

Statement of Canals in the Indus

	Major Works.								
	Jámráo Canal District.	Nasrat Canals District.			Eastern Nára District.				
	Jámráo Canal.	Dád Canal.	Nasrat Canal.	Total.	Nára Supply Channel.	Eastern Nára.	Mithráo Canal.	Thar Canal.	Khipro Canal.
1	2	3	4	5	6	7	8	9	10
Source of supply of water	Eastern Nára.	Indus.	Indus.	...	Indus.	Nára Supply Channel.	Eastern Nára.	Eastern Nára.	Eastern Nára.
Minimum discharge of River ... C. ft. per second.	.....	(a) 25,546	(a) 25,546	...	(a) 25,546	...	...	...	...
Maximum discharge of Canal... „ „	2,891	3,834	2,270	...	...	...	2,900	1,400	...
Average annual rainfall ... ...Inches.	1·8	1·24	1·3	...	...	1·28	1·46	2·25	0·55
Gross area commanded ... ... Acres.	870,850	630,100	383,700	1,013,800	151,400	795,556	434,620	158,039	35,743
Culturable area commanded ... ... „	791,500	362,068	325,680	687,748	25,000	506,922	405,505	136,600	33,845
Area irrigable annually by complete project . „	300,000	145,400	104,100	249,500	23,000	90,900	143,500	50,000	8,000
Area irrigable at present ... ... „	263,835	94,000	90,400	184,400	...	58,400	132,000	50,000	8,000
Sanctioned Estimate.									
Direct charges ... ... Rs.	89,67,266	29,89,919	20,91,618	50,81,537	...	...	...	...	...
Indirect charges ... ... „									
Interest during construction ... ... „	52,53,485	13,14,712	8,55,551	21,70,263	...	...	...	...	...
Total, Estimate ... Rs.	1,42,20,751	43,04,631	29,47,169	72,51,800	...	...	...	...	...
Expenditure to end of 1915-1916.									
Direct charges ... ... Rs.	83,70,122	25,61,185	18,20,144	43,81,329	...	...	...	...	...
Indirect charges ... ... „	2,51,233	93,162	57,635	1,50,797	...	...	...	...	...
Interest during construction ... ... „	52,53,485	13,14,712	8,55,551	21,70,263	...	...	...	...	...
Total, Expenditure ... Rs.	1,38,74,840	39,69,059	27,33,330	67,02,389	...	...	...	...	...
Works as now sanctioned.									
Main Canals Irrigation ... ... Miles.	117	96	97	193	12	320*	97	24	38
Branch Canals ... ... „	63	269	95	364	...	...	49	48	5
Distributaries ... ... „	457	44	118	162	...	31	42	...	...
If the above—									
Navigable Canals ... ... Miles.	.....	...	...	...	12	320	92	...	...
Works completed at end of 1915-1916.									
ain Canals Irrigation ... ... Miles.	117	87	80	167	12	320*	92	24	15
anch Canals ... ... „	63	268	90	358	...	...	49	48	...
tributaries ... ... „	457	25	114	139	...	...	...	...	...
he above—									
avigable Canals ... ... Miles.	.....	...	...	...	12	320	92	...	...

(a) Minimum discharge of Indus at Bukkur.

* Practically a river.

I-A—*concluded.*

Left Bank Division for 1915-1916.

		Minor Works for which Capital and Revenue Accounts are kept.							Minor Works for which only Revenue Accounts are kept.		
		Hyderabad Canals District.				Fuleli Canals District.			Nasrat Canals District.	Hyderabad Canals District.	Fuleli Canals District.
Hiral Canal.	Total.	Alibhar Kacheri.	Great Marak.	Surfraz.	Total.	Fuleli Canal.	Hasanali Canal.	Total.	Total.	Total.	Total.
11	12	13	14	15	16	17	18	19	20	21	22
Eastern Nára.	.....	Indus.	Indus.	Indus.	...	Indus.	Indus.	...	Indus.	Indus.	Indus.
.....	.....	(a) 25,546	(a) 25,546	(a) 25,546	...	(b) 23,563	(b) 23,563	...	(a) 25,546	(a) 25,546	(b) 23,563
.....	.....	...	...	...	...	10,000	1,000	...	...	...	...
2·52	.....	1·3	1·23	0·90	...	3·18	3·42	...	...	0·96	2·13
54,607	1,629,965	75,500	240,000	165,000	480,500	1,703,000	144,000	1,847,000	700,000	982,200	147,800
49,041	1,156,313	51,900	238,400	139,400	429,700	1,437,500	84,000	1,521,500	301,307	866,284	110,400
15,700	331,100	18,300	58,350	40,800	117,450	400,000	30,000	430,000	111,800	227,185	38,200
20,000	268,400	18,300	58,350	40,800	117,450	400,000	30,000	430,000	90,850	227,185	38,200
.....	70,12,310	23,207	2,07,436	1,18,559	3,49,202	19,13,446	2,89,929	22,03,375	...	...	...
		710	8,310	6,121	15,141	71,215	14,876	86,091	...	...	...
.....	97,01,069	...	...	...	...	...	...	...	...	...	...
.....	1,67,13,379	23,917	2,15,746	1,24,680	3,64,343	19,84,661	3,04,805	22,89,466	...	...	...
.....	67,66,264	23,207	2,07,436	1,18,559	3,49,202	19,13,446	2,89,929	22,03,375	...	...	...
.....	2,34,271	710	8,310	6,121	15,141	71,215	14,876	86,091	...	...	...
.....	97,01,069	...	...	...	...	...	...	...	...	...	...
.....	1,67,01,604	23,917	2,15,746	1,24,680	3,64,343	19,84,661	3,04,805	22,89,466	...	...	...
19	510	26	26	79	131	100	34	134	110	137	65
22	124	32	146	33	211	874	46	920	157	442	69
.....	75	...	...	...	...	19	14	33	...	...	4
.....	424	22	22	30	74	328	39	367	...	105	10
19	482	26	24	79	129	100	34	134	110	137	65
22	119	32	146	33	211	874	46	920	157	440	69
.....	.....	...	...	...	...	19	14	33	...	...	4
.....	424	22	22	30	74	328	39	367	...	105	10

(*b*) Minimum discharge of Indus at Kotri.

STATEMENT

Capital Account of Irrigation Works

Name of Work.	During Year.								
	Direct Charges.						Indirect Charges.		
	Works.	Establishment.	Tools and Plant.	Total.	*Deduct* Receipts on Capital Account.	Total.	Capitalization.	Leave and Pension Allowances.	Total.
1	2	3	4	5	6	7	8	9	10
MAJOR WORKS.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
PRODUCTIVE WORKS.									
1. Desert Canal	...	...	...	...	...	...	...	...	...
2. Unharwáh	3	...	...	3	...	3	...	...	...
3. Begári Canal	497	38	3	538	...	538	...	5	5
4. Mahiwáh	...	...	...	...	...	...	...	...	...
5. Eastern Nára Works	80,129	20,503	1,163	1,01,795	...	1,01,795	...	2,870	2,870
6. Jámráo Canal	1,30,978	31,191	2,176	1,64,345	...	1,64,345	—6	4,367	4,361
7. Dád do.	9,310	4,396	307	14,013	...	14,013	...	615	615
8. Nasrat do.	—3,118	...	...	—3,118	...	—3,118	...	...	...
9. Naulákhi do.	...	...	...	...	...	...	...	...	...
10. Sukkur Barrage Works	...	...	...	...	...	...	...	...	...
Total ...	2,17,799	56,128	3,649	2,77,576	...	2,77,576	—6	7,857	7,851
MINOR WORKS AND NAVIGATION.									
11. Sukkur Canal	...	...	...	...	...	...	...	...	...
12. Ghar do.	...	...	...	...	...	...	...	...	...
13. Suttah do.	...	...	...	...	...	...	...	...	...
14. Alibhar Kacheri Canal	...	...	...	...	...	...	...	...	...
15. Márak Great do.	...	...	...	...	...	...	...	...	...
16. Sarfrazwáh do.	...	...	...	...	...	...	...	...	...
17. Fuleli do.	...	...	...	...	...	...	...	...	...
18. Hasanali do.	...	...	...	...	...	...	...	...	...
Total ...	...	...	...	...	...	...	...	...	...
GRAND TOTAL ...	2,17,799	56,128	3,649	2,77,576	...	2,77,576	—6	7,857	7,851

I-B.

in Sind for and to end of 1915-1916.

Grand Total.	To end of Year.									
	Direct Charges.						Indirect Charges.			Grand Total.
	Works.	Establishment.	Tools and Plant.	Total.	*Deduct* Receipts on Capital Account.	Total.	Capitalization.	Leave and Pension Allowances.	Total.	
11	12	13	14	15	16	17	18	19	20	21
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
...	21,31,974	4,83,275	25,679	26,40,928	37	26,40,891	2,284	77,381	79,665	27,20,556
8	6,31,222	1,34,479	2,349	7,68,050	...	7,68,050	1,953	18,827	20,780	7,88,830
543	20,11,649	3,54,234	6,279	23,72,162	19	23,72,143	17,912	60,632	78,544	24,50,687
...	11,25,004	2,43,877	9,500	13,78,381	6	13,78,375	24,649	34,143	58,792	14,37,167
1,04,665	53,54,368	13,40,350	71,722	67,66,440	176	67,66,264	2,669	2,31,602	2,34,271	70,00,535
1,68,706	67,42,834	14,45,069	1,78,594 (a) 4,606	83,71,103	981	83,70,122	48,924	2,02,309	2,51,233	86,21,355
14,628	21,71,612	3,70,603	19,004	25,61,219	34	25,61,185	41,278	51,884	93,162	26,54,347
—3,118	15,60,017	2,53,410	6,875	18,20,302	158	18,20,144	22,158	35,477	57,635	18,77,779
...	4,876	236	...	5,112	...	5,112	...	33	33	5,145
...	—284	.....	...	—284	...	—284	...	...	...	—284
2,85,427	2,17,33,272	46,25,533	3,20,002 (a) 4,606	2,66,83,413	1,411	2,66,82,002	1,61,827	7,12,288	8,74,115	2,75,56,117
...	11,39,526	2,11,468	13,920	13,64,914	160	13,64,754	20,466	41,030	61,496	14,26,250
...	4,46,950	98,471	2,984	5,48,405	...	5,48,405	12,536	18,318	30,854	5,79,259
...	1,40,133	31,819	2,076	1,74,028	...	1,74,028	1,597	4,454	6,051	1,80,079
...	19,636	3,548	23	23,207	...	23,207	...	710	710	23,917
...	1,70,629	35,275	1,612	2,07,516	80	2,07,436	1,409	6,901	8,310	2,15,746
...	1,03,432	15,097	30	1,18,559	...	1,18,559	3,102	3,019	6,121	1,24,680
...	15,67,091	3,38,105	8,754	19,13,950	504	19,13,446	14,412	56,803	71,215	19,84,661
...	2,35,342	49,286	5,301	2,89,929	...	2,89,929	7,976	6,900	14,876	3,04,805
...	38,22,739	7,83,069	34,700	46,40,508	744	46,39,764	61,498	1,38,135	1,99,633	48,39,397
2,85,427	2,55,56,011	54,08,602	3,54,702 (a) 4,606	3,13,23,921	2,155	3,13,21,766	2,23,325	8,50,423	10,73,748	3,23,95,514

(a) Suspense Account.

E. M. COOK,
Accountant General, Bombay.

STATEMENT

Statement showing the Financial Results of Irrigation

Realizations under main heads of

Works.	Revenue (Actual Receipts).												Revenue Manage		
	Irrigation.												Establishment.		
	Direct.	Indirect.			Total.	Plantation.	Miscellaneous.	Total.	*Less*—Refunds of Revenue.	Gross Revenue less Refunds.	*Deduct*—Share due to old Irrigation.	Total Revenue due to Improvement.	Direction.	Executive.	Civil Officers.
	Water-rates directly paid.	Share of Land Revenue.	4 per cent. on $\frac{6}{10}$ths of proceeds from sale of occupancy rights in waste or other lands up to end of year.	Total.											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
MAJOR WORKS. PRODUCTIVE WORKS.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
1. Desert Canal ...	91,828	2,99,216	2,071	3,01,287	3,93,115	73	1,834	3,95,022	...	3,95,022	...	3,95,022	...	...	20,340
2. Unharwáh ...	251	1,74,182	2,987	1,77,169	1,77,420	35	767	1,78,222	...	1,78,222	...	1,78,222	...	...	10,496
3. Begári Canal ...	31,774	5,82,078	8,658	5,90,736	6,22,510	25	4,335	6,26,870	...	6,26,870	33,613	5,93,257	...	...	38,509
4. Mahiwáh ...	832	1,31,903	3,080	1,34,983	1,35,815	41	2,597	1,38,453	...	1,38,453	1,10,497	27,956	...	...	10,330
5. Eastern Nára Works.	5,133	6,76,264	3,499	6,79,763	6,84,896	769	9,002	6,94,667	...	6,94,667	3,441	6,91,223	...	...	41,186
6. Jámráo Canal ...	2,107	9,13,398	66,615	9,80,013	9,82,120	306	35,003	10,17,423	...	10,17,429	...	10,17,429	...	44,968	28,233
7. Dád do. ...	3,096	2,21,853	7,887	2,29,740	2,32,836	353	1,403	2,34,592	...	2,34,592	83,913	1,50,679	...	...	16,503
8. Nasrat do. ...	—587	2,34,783	13,261	2,48,044	2,47,457	212	1,522	2,49,191	...	2,49,191	72,854	1,76,337	...	...	14,916
9. Naulákhi do. ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
10. Sukkur Barrage Works ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total ...	1,34,434	32,33,677	1,08,058	33,41,735	34,76,169	1,814	56,463	35,34,446	...	35,34,446	3,04,321	32,30,125	...	44,968	1,80,513
MINOR WORKS AND NAVIGATION.															
11. Sukkur Canal ...	1,673	2,62,040	838	2,62,878	2,64,551	11	1,917	2,66,479	...	2,66,479	84,806	1,81,673	...	...	19,253
12. Ghár do. ...	4,735	8,42,765	7,598	8,50,363	8,55,098	376	12,810	8,68,284	...	8,68,284	1,35,512	7,32,772	...	...	56,646
13. Suttah do. ...	23	20,577	720	21,297	21,320	...	279	21,599	...	21,599	16,145	5,454	...	...	1,409
14. Alibhar Kacheri Canal ...	652	25,468	840	26,308	26,960	...	197	27,157	...	27,157	17,505	9,652	...	...	2,268
15. Marak Great Canal...	3,607	1,59,608	3,406	1,63,014	1,66,621	...	678	1,67,299	...	1,67,299	59,437	1,07,862	...	...	12,171
16. Sárfrazwáh ...	1,209	48,928	1,294	50,222	51,431	...	620	52,051	...	52,051	18,806	33,245	...	...	3,761
17. Fuleli Canal ...	33,881	9,80,029	14,007	9,94,036	10,27,917	176	11,038	10,39,131	...	10,39,131	2,44,549	7,94,582	...	...	70,697
18. Hasanali Canal ...	1,041	46,408	547	46,955	47,996	...	311	48,307	...	48,307	5,916	42,391	...	...	2,913
Total ...	46,821	23,85,823	29,250	24,15,073	24,61,894	563	27,850	24,90,307	...	24,90,307	5,82,676	19,07,631	...	...	1,69,118
GRAND TOTAL ...	1,81,255	56,19,500	1,37,308	57,56,808	59,38,063	2,377	84,313	60,24,753	...	60,24,753	8,86,997	51,37,756	...	44,968	3,49,631
Works for which only Revenue Accounts are kept ...	25,653	24,78,394	48,715	25,27,109	25,52,762	1,289	30,672	25,84,723	...	25,84,723	...	25,84,723	...	...	1,50,321

I-C.

Works in Sind for the year ended 31st March 1916.

Revenue and Working Expenses.

Working Expenses.																Net Revenue.	
ment.	Maintenance and Repairs.										*Deduct*—Old Maintenance Charges.						
	Establishment.																
Total Revenue Management.	Direction.	Executive.	Total.	Works.	Repairs.	Sundries.	Plantations.	Tools and Plant.	Total Cost of Maintenance.	Indirect Charges.	Grand Total Working Expenses.	Direct.	Indirect.	Total.	Total Working Expenses on Improvements.	Total.	Due to Improvements.
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
20,340	2,141	19,453	21,594	508	64,576	...	813	864	1,08,695	3,349	1,12,044	...	...	...	1,12,044	2,82,978	2,82,978
10,496	960	8,726	9,686	3,559	25,254	...	298	388	49,681	1,356	51,037	...	...	...	51,037	1,27,185	1,27,185
38,509	3,327	30,230	33,557	2,360	1,03,078	699	555	1,343	1,80,101	5,529	1,85,630	8,757	2	8,759	1,76,871	4,41,240	4,16,396
10,330	1,934	3,747	5,681	4,162	49,799	...	4,093	865	74,930	796	75,726	21,007	273	21,280	54,446	62,727	*—26,490*
41,186	7,285	24,553	31,838	47,947	1,19,629	*—216*	1,901	1,741	2,44,026	4,457	2,48,483	344	...	344	2,48,139	4,46,184	4,43,084
73,201	7,256	93,779	1,01,035	2,009	1,66,264	252	2,427	5,629	3,50,817	20,557	3,71,374	...	...	...	3,71,374	6,46,055	6,46,055
16,503	3,759	19,572	23,331	5,940	77,078	...	3,892	667	1,27,411	3,375	1,30,786	44,076	1,138	45,214	85,572	1,03,906	65,107
14,916	4,207	22,584	26,791	727	91,971	...	3,796	544	1,38,745	3,777	1,42,522	19,355	453	19,808	1,22,714	1,06,669	53,623
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2,25,481	30,869	2,22,644	2,53,513	67,212	6,97,649	735	17,775	12,041	12,74,406	43,196	13,17,602	93,539	1,866	95,405	12,22,197	22,16,844	20,07,928
19,253	2,361	14,444	16,805	...	70,027	...	387	696	1,07,168	2,353	1,09,521	13,256	106	13,362	96,159	1,56,958	85,514
56,646	4,998	30,571	35,569	1,984	1,45,471	...	1,606	1,472	2,42,748	5,057	2,47,805	18,680	161	18,841	2,28,964	6,20,479	5,03,808
1,409	411	1,598	2,009	110	12,151	...	...	184	15,863	282	16,145	8,993	225	9,218	6,927	5,454	*—1,473*
2,268	143	1,269	1,412	...	3,237	...	...	40	6,966	198	7,164	9,078	188	9,266	*—2,102*	19,993	11,754
12,171	903	8,043	8,951	85	26,065	...	...	308	47,580	1,254	48,834	22,978	427	23,405	25,429	1,18,465	82,433
3,761	641	5,681	6,322	...	14,482	...	...	217	24,782	885	25,667	7,651	170	7,821	17,846	26,384	15,399
70,697	8,891	54,599	63,490	43,755	1,57,319	...	674	2,444	3,38,379	9,019	3,47,398	1,14,265	2,093	1,16,361	2,31,037	6,91,733	5,63,545
2,913	515	3,159	3,674	973	10,652	...	...	141	18,353	514	18,867	3,380	78	3,458	15,409	29,440	26,982
1,69,118	18,803	1,19,364	1,38,232	46,907	4,39,404	...	2,667	5,511	8,01,839	19,562	8,21,401	1,98,281	3,451	2,01,732	6,19,669	16,68,906	12,87,962
3,94,599	49,737	3,42,008	3,91,745	1,14,119	11,37,053	735	20,442	17,552	20,76,245	62,758	21,39,003	2,91,820	5,317	2,97,137	18,41,866	38,85,750	32,95,890
1,50,321	25,184	1,14,913	1,40,097	88,542	6,15,454	...	...	*—3,478*	9,90,936	...	9,90,936	...	...	...	9,90,936	15,93,787	15,93,787

E. M. COOK,
Accountant General, Bombay.

STATEMENT

Statement showing the Financial Results of Irrigation

Number of works.	Name of works.	GENERAL FINANCIAL RESULTS TO END OF						
		Mileage in operation.		Estimated cost of construction (direct and indirect).	Date of completion of work (P. W. Code II, 1918).	Date when system first came into operation.	Total Capital Outlay (direct and indirect).	Accumulated arrears of interest.
		Main canals and branches.	Distributaries.					
1	2	3	4	5	6*a*	6*b*	7	8
	MAJOR WORKS.	Miles.	Miles.	Rs.	Date.	Date.	Rs.	Rs.
	PRODUCTIVE WORKS.							
1	Desert Canal	267·00	69·00	27,20,556	1891-92	1872-73	27,20,556	.....
2	Unharwáh	116·00	5·00	7,88,830	1890-91	1885-86	7,88,830	.....
3	Begári Canal	194·00	54·00	25,34,587	1890-91	1855-56	24,50,687	.....
4	Mahiwáh	293·00	...	15,17,356	Not completed.	1901-02	14,37,167	3,60,763
5	Eastern Nára Works	527·40	...	70,12,310	1897-98	1854-55	70,00,535	.....
6	Jámráo Canal	180·00	457·00	89,67,266	1901-02	1900-01	86,21,355	.....
7	Dád do.	278·78	100·72	29,89,919	1906-07	1901-02	26,54,347	6,30,611
8	Nasrat do.	214·84	69·12	20,91,618	1906-07	1903-04	18,77,779	25,309
9	Naulákhi do.	...	...	12,62,554	Not completed.	...	5,145	2,269
10	Sukkur Barrage Works	...	...	.....	Not	started.	—284	—25
	Total ...	2,071·02	754·84	2,98,84,996	...	...	2,75,56,117	10,18,927
	MINOR WORKS AND NAVIGATION.							
11	Sukkur Canal	130·10	...	14,26,250	1885-86	1870-71	14,26,250	.....
12	Ghár do.	302·88	...	5,79,259	1878-79	1856-57	5,79,259	.....
13	Suttah do.	35·32	...	1,80,079	1909-10	1904-05	1,80,079	52,170
14	Alibhar Kacheri Canal	58·50	...	23,917	1875-76	1873-74	23,917	.....
15	Marak Great do.	169·95	...	2,15,746	1881-82	1873-74	2,15,746	.....
16	Surfrazwah	112·60	...	1,24,680	1875-76	1873-74	1,24,680	.....
17	Fuleli Canal	993·00	...	19,84,661	1892-93	1861-62	19,84,661	.....
18	Hasanali Canal	94·00	...	3,04,805	1906-07	1903-04	3,04,805	.....
	Total ...	1,896·35	...	48,39,397	...	...	48,39,397	52,170
	GRAND TOTAL ...	3,967·37	754·84	3,47,24,393	...	...	3,23,95,514	10,71,097

II-C.

Works for, and up to the end of, 1915-16.

1915-16.		FINANCIAL RESULTS OF THE YEAR 1915-16.									
Accumulated surplus revenues.	Total sum-at-charge (column 7 + column 8).	Gross receipts (direct and indirect).	Working expenses (direct and indirect).	Net revenue.	Percentage on Capital Outlay, column 7.	Percentage on sum-at-charge, column 10.	Interest at 3·4725 per cent. on direct Capital Outlay to end of previous year, *plus* half the outlay of the year.	Net profit.	Net loss.	Area irrigated.	Percentage of working expenses to receipts (column 11 to column 12).
9	10	11	12	13	14	15	16	17	18	19	20
Rs.	Rs.	Rs.	Rs.	Rs.	Per cent.	Per cent.	Rs.	Rs.	Rs.	Acres.	%
20,81,299	27,20,556	3,95,022	1,12,041	2,82,978	10·40	10·40	91,705	1,91,273	...	189,427	28·36
19,49,176	7,88,830	1,78,222	51,037	1,27,185	16·12	16·12	26,670	1,00,515	...	76,482	28·64
72,85,978	24,50,687	5,93,257	1,76,871	4,16,386	16·99	16·99	82,363	3,34,023	...	265,436	29·81
...	17,97,930	27,956	54,446	—26,490	...	...	47,864	...	74,354	51,520	194·76
39,38,735	70,00,535	6,91,223	2,48,139	4,43,084	6·33	6·33	2,33,191	2,09,893	...	254,709	35·90
7,14,976	86,21,355	10,17,429	3,71,374	6,46,055	7·49	7·49	2,87,799	3,58,256	...	270,327	36·50
...	32,84,958	1,50,679	85,572	65,107	2·45	1·98	88,694	...	23,587	87,590	56·79
...	19,03,088	1,76,337	1,22,714	53,623	2·86	2·82	63,259	...	9,636	81,997	69·59
...	7,414	...	...	...	...	...	178	...	178	...	...
...	—309	...	...	...	...	...	—10	...	—10	...	...
1,59,70,164	2,85,75,044	32,30,125	12,22,197	20,07,928	7·29	7·03	9,21,713	10,86,215	...	1,277,488	37·84
2,73,057	14,26,250	1,81,673	96,159	85,514	6·00	6·00	47,391	38,123	...	76,489	52·93
1,99,41,107	5,79,259	7,32,772	2,28,964	5,03,808	86·97	86·97	19,043	4,84,765	...	207,390	31·25
...	2,32,249	5,454	6,927	—1,473	...	...	6,043	...	7,516	10,743	127·01
1,72,932	23,917	9,652	—2,102	11,754	49·14	49·14	806	10,948	...	12,463	...
17,11,688	2,15,746	1,07,862	25,429	82,433	38·21	38·21	7,203	75,230	...	66,049	23·58
3,26,491	1,24,680	33,245	17,846	15,399	12·35	12·35	4,117	11,282	...	25,677	53·68
79,50,798	19,84,661	7,94,582	2,31,037	5,63,545	28·40	23·40	66,445	4,97,100	...	407,783	29·08
73,132	3,04,805	42,391	15,409	26,982	8·85	8·85	10,068	16,914	...	17,686	36·35
3,04,49,205	48,91,567	19,07,631	6,19,669	12,87,962	26·61	26·33	1,61,116	11,26,846	...	824,280	32·48
4,64,19,369	3,34,66,611	51,37,756	18,41,866	32,95,890	10·17	9·85	10,82,829	22,13,061	...	2,101,768	35·85

E. M. COOK,
Accountant General, Bombay.

STATEMENT III-C.*

Demands and Realizations during the year 1915-1916 in Sind.

	Irrigation Works.	Balance of demands unrealized at commencement of year. (a)	Demands of year.	Total.	*Deduct*—Remissions including Cash Refunds.	Net Total.	*Deduct*—Amount unrealized at close of year.	Actual Total Receipts of year.	*Deduct*—Share due to old Irrigation.	Total Revenue due to Improvements.
	1	2	3	4	5	6	7	8	9	10
		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
	MAJOR WORKS.									
	PRODUCTIVE WORKS.									
1	Desert Canal	7,897	3,94,547	4,02,444	2,227	4,00,217	5,195	3,95,022	...	3,95,022
2	Unharwáh	4,460	1,77,717	1,82,177	20	1,82,157	3,935	1,78,222	...	1,78,222
3	Begári Canal	7,050	6,27,122	6,34,172	3,091	6,31,081	4,211	6,26,870	33,613	5,93,257
4	Mahiwáh	8,639	1,38,652	1,47,291	...	1,47,291	8,838	1,38,453	1,10,497	27,956
5	Eastern Nára Works ...	14,908	6,83,989	6,98,897	573	6,98,324	3,657	6,94,667	3,444	6,91,223
6	Jámráo Canal	1,91,873	8,46,662	10,38,535	2,678	10,35,857	18,428	10,17,429	...	10,17,429
7	Dád do.	15,713	2,23,315	2,39,028	1,107	2,37,921	3,329	2,34,592	83,913	1,50,679
8	Nasrat do.	22,294	2,36,491	2,58,785	2,052	2,56,733	7,542	2,49,191	72,854	1,76,337
9	Naulákhi do. (b) ...	...	...	...	...	...	...	...	...	...
10	Sukkur Barrage Works (c).	...	...	...	...	...	...	...	...	...
	Total, Major Works ...	2,72,834	33,28,495	36,01,329	11,748	35,89,581	55,135	35,34,446	3,04,321	32,30,125
	MINOR WORKS AND NAVIGATION.									
11	Sukkur Canal	3,171	2,65,488	2,68,659	...	2,68,659	2,180	2,66,479	84,806	1,81,673
12	Ghár do.	8,901	8,58,516	8,67,417	14	8,67,403	—881	8,68,284	1,35,512	7,32,772
13	Suttah do.	—38	21,610	21,572	...	21,572	—27	21,599	16,145	5,454
14	Alibhar Kacheri Canal ...	1,380	28,097	29,477	...	29,477	2,320	27,157	17,505	9,652
15	Marak Great do. ...	4,998	1,64,875	1,69,873	14	1,69,859	2,560	1,67,299	59,437	1,07,862
16	Surfrazwáh	6,519	53,130	59,649	11	59,638	7,587	52,051	18,806	33,245
17	Fuleli Canal	21,901	10,27,888	10,49,789	127	10,49,662	10,531	10,39,131	2,44,549	7,94,582
18	Hasanali do.	778	47,619	48,397	...	48,397	90	48,307	5,916	42,391
	Total, Minor Works and Navigation ...	47,610	24,67,223	25,14,833	166	25,14,667	24,360	24,90,307	5,82,676	19,07,631
	GRAND TOTAL ...	3,20,444	57,95,718	61,16,162	11,914	61,04,248	79,495	60,24,753	8,86,997	51,37,756

(a) Correct balances as now reported by the Revenue Officers in Canal Returns Nos. VIII-A and IX.

(b) Work under construction.

(c) Work not yet commenced as 49—Irrigation work. Exchange on expenditure in England under 49—Irrigation works adjusted during the year 1913-14.

E. M. COOK,
Accountant General, Bombay.

STATEMENT IV-C.

STATEMENT

Statement showing the Financial Results of Irrigation Works in Sind

Principal Results of Operations

	Irrigation Works.	Capital Outlay (direct and indirect) to end of year.	Revenue assessed					
			Direct Revenue.				Indirect Revenue Revenue due to opera canal.	
			Occupier's rate.	Plantations.	Miscellaneous.	Total.	Share of Land Revenue.	4 per cent. on $\frac{9}{10}$ths of proceeds from sale of occupancy rights in waste or other lands up to end of year.
	1	2	3	4	5	6	7	8
	MAJOR WORKS.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
	PRODUCTIVE WORKS.							
1	Desert Canal	27,20,556	92,365	73	1,834	94,272	2,98,204	2,071
2	Unharwáh	7,88,830	286	35	767	1,088	1,73,642	2,987
3	Begári Canal	24,50,687	32,810	25	4,335	37,170	5,81,294	8,658
4	Mahiwáh	14,37,167	456	41	2,597	3,094	1,32,478	3,080
5	Eastern Nára Works ...	70,00,535	3,228	769	9,002	12,999	6,67,491	3,499
6	Jámrao Canal	86,21,355	2,139	306	35,003	37,448	7,42,599	66,615
7	Dád do.	26,54,347	2,403	353	1,403	4,159	2,11,269	7,887
8	Nasrat do.	18,77,779	149	212	1,522	1,883	2,21,347	13,261
9	Naulákhi do.	5,145	...	...	...	...	.....	...
10	Sukkur Barrage Works ...	—284	...	...	...	...	.....	...
	Total, Major Works ...	2,75,56,117	1,33,836	1,814	56,463	1,92,113	30,28,324	1,08,058
	MINOR WORKS AND NAVIGATION.							
11	Sukkur Canal	14,26,250	1,392	11	1,917	3,320	2,61,330	838
12	Ghár do.	5,79,259	3,373	376	12,810	16,559	8,34,359	7,598
13	Suttah do.	1,80,079	34	...	279	313	20,577	720
14	Alibhar Kacheri Canal ...	23,917	564	...	197	761	26,496	840
15	Marak Great do. ...	2,15,746	2,430	...	678	3,108	1,58,361	3,406
16	Surfrazwah	1,24,680	1,388	...	620	2,008	49,828	1,294
17	Fuleli Canal	19,84,661	34,235	176	11,038	45,449	9,68,432	14,007
18	Hasanali Canal	3,04,805	497	...	311	808	46,264	547
	Total, Minor Works and Navigation ...	48,39,397	43,913	563	27,850	72,326	23,65,647	29,250
	GRAND TOTAL ...	3,23,95,514	1,77,749	2,377	84,313	2,64,439	53,93,971	1,37,308

IV-C.

for the year ended 1915-1916, based on the Assessment of the year.

for the year ended 31st March 1916.

DURING THE YEAR.					WORKING EXPENSES.			NET REVENUE OF THE YEAR.		
—Land tion of Total.	Refunds of Revenue.	Grand Total.	*Deduct*— Share due to old Irrigation.	Total Revenue due to Improvements.	Total Charges, direct and indirect.	*Deduct*— Old Maintenance Charges.	Total Working Expenses on Improvements.	Total.	Due to Improvements.	Percentage on Capital Outlay to end of year (Improvements only).
9	10	11	12	13	14	15	16	17	18	19
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	%
3,00,275	...	3,94,547	....	3,94,547	1,12,044	...	1,12,044	2,82,503	2,82,503	10·38
1,76,629	...	1,77,717	...	1,77,717	51,037	...	51,037	1,26,680	1,26,680	15·06
5,89,952	...	6,27,122	33,613	5,93,509	1,85,630	8,759	1,76,871	4,41,492	4,16,638	17·00
1,35,558	...	1,38,652	1,10,497	28,155	75,726	21,280	54,446	62,926	—26,291	(a)
6,70,990	...	6,83,989	3,444	6,80,545	2,48,483	344	2,48,139	4,35,506	4,32,406	6·18
8,09,214	...	8,46,662	..	8,46,662	3,71,374	...	3,71,374	4,75,288	4,75,288	5·51
2,19,156	...	2,23,315	83,913	1,39,402	1,30,786	45,214	85,572	92,529	53,830	2·03
2,34,608	...	2,36,491	72,854	1,63,637	1,42,522	19,808	1,22,714	93,969	40,923	2·18
...	....	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...
31,36,382	...	33,28,495	3,04,321	30,24,174	13,17,602	95,405	12,22,197	20,10,893	18,01,977	6·54
2,62,168	...	2,65,488	84,806	1,80,682	1,09,521	13,362	96,159	1,55,967	84,523	5·93
8,41,957	...	8,58,516	1,35,512	7,23,004	2,47,805	18,841	2,28,964	6,10,711	4,94,040	85·29
21,297	...	21,610	16,145	5,465	16,145	9,218	6,927	5,465	—1,462	(a)
27,336	...	28,097	17,505	10,592	7,164	9,266	—2,102	20,933	12,694	53·08
1,61,767	...	1,64,875	59,437	1,05,438	48,834	23,405	25,429	1,16,041	80,009	37·08
51,122	...	53,130	18,806	34,324	25,667	7,821	17,846	27,463	16,478	13·22
9,82,439	...	10,27,888	2,44,549	7,83,339	3,47,398	1,16,361	2,31,037	6,80,490	5,52,302	27·83
46,811	...	47,619	5,916	41,703	18,867	3,458	15,409	28,752	26,294	8·63
23,94,897	...	24,67,223	5,82,676	18,84,547	8,21,401	2,01,732	6,19,669	16,45,822	12,64,878	26·14
55,31,279	...	57,95,718	8,86,997	49,08,721	21,39,003	2,97,137	18,41,866	36,56,715	30,66,855	9·47

(a) No percentage is calculated as the net revenue against the work is a minus figure.

E. M. COOK,
Accountant General, Bombay.

General Abstract of Financial Results of Irrigation

		MAJOR WORKS—PRODUCTIVE WORKS.										MINOR WORKS AND NAVIGATION—AND REVENUE ACCOUNTS				
		In operation.								Under Construction.	Work not started.	Total.	Works				
		Desert Canal.	Unharwáh	Begári Canal.	Mahiwáh.	Eastern Nára Works.	Jámráo Canal.	Dád Canal.	Nasrat Canal.	Naulakhi Canal.	Sukkur Barrage works.		Sukkur Canal.	Ghár Canal.	Suttah Canal.	Alibhar Kacheri Canal.	Mari Great Canal.
		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Capital Outlay.																	
During year...	Direct ...	...	3	538	...	1,01,795	1,64,345	14,013	−3,118	...	...	2,77,576	...	...	...	...	...
	Indirect...	...	...	5	...	2,870	4,361	615	...	...	...	7,851	...	...	...	...	...
	Total ...	...	3	543	...	1,04,665	1,68,706	14,628	−3,118	...	...	2,85,427	...	...	...	...	...
To end of year.	Direct ...	26,40,891	7,68,050	23,72,143	13,78,375	67,66,264	83,70,122	25,61,185	18,20,144	5,112	−284	2,66,82,002	13,64,754	5,48,405	1,74,028	23,207	2,07,436
	Indirect...	79,665	20,780	78,544	58,792	2,34,271	2,51,233	93,162	57,635	33	...	8,74,115	61,496	30,854	6,051	710	8,310
	Total ...	27,20,556	7,88,830	24,50,687	14,37,167	70,00,535	86,21,355	26,54,347	18,77,779	5,145	−284	2,75,56,117	14,26,250	5,79,259	1,80,079	23,917	2,15,746
Gross Revenue.																	
During year...	Direct ...	93,735	1,053	36,131	2,008	14,904	37,416	2,042	416	...	...	1,87,708	3,601	17,921	241	849	4,285
	Indirect...	3,01,287	1,77,169	5,57,123	25,948	6,76,319	9,80,013	1,48,612	1,75,921	...	...	30,42,422	1,78,072	7,14,851	5,210	8,803	1,03,577
	Total ...	3,95,022	1,78,222	5,93,257	27,956	6,91,223	10,17,429	1,50,654	1,76,337	...	...	32,30,130	1,81,673	7,32,772	5,451	9,652	1,07,862
To end of year.	Direct ...	18,99,836	19,694	12,93,118	26,430	12,57,363	7,65,913	36,879	9,935	...	...	53,09,168	1,02,697	5,44,462	1,445	30,031	1,44,372
	Indirect...	62,10,059	37,66,783	1,41,07,806	9,21,946	1,96,05,952	1,00,22,477	18,76,769	20,43,972	...	...	5,85,55,764	50,83,593	2,83,21,435	1,29,398	2,73,202	23,06,648
	Total ...	81,09,895	37,86,477	1,54,00,924	9,48,376	2,08,63,315	1,07,88,390	19,13,648	20,53,907	...	....	6,38,64,932	51,86,290	2,88,65,897	1,30,843	3,03,233	29,51,020

Works in Sind for, and to end of, 1915-1916.

WORKS FOR WHICH CAPITAL ARE KEPT.					MINOR WORKS AND NAVIGATION—WORKS FOR WHICH ONLY REVENUE ACCOUNTS ARE KEPT.							Expenditure on and Receipts from Agricultural Works for which neither Capital nor Revenue Accounts are kept.		
in operation.														
Sarfraz-ab.	Fuleli Canal.	Hasan-ali Canal.	Total.	Grand Total.	Shikárpur Canals District.	Western Nara District.	Karáchi Canals District.	Nasrat Canals District.	Hyder-abad Canals District.	Fuleli Canals District.	Total.		Expendi-ture.	Re-ceipts.
												BEGA'RI CANALS DISTRICT.		
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.		Rs.	Rs.
												Completing the 1912 Unharwah Loop.—Repairs	2,251	...
												Kashmore Bund	53,617	...
												Begári Canal—Repairs	5,383	...
												Establishment ... Direction ...	2,443	...
												Establishment ... Executive ...	9,478	...
												Tools and Plant	812	...
												Suspense Account	—12	...
												Share of collection charges	3,942	...
												Direct Receipts	...	2,187
												Irrigation share of Land Revenue ...	...	43,283
												Four per cent. on 9/10ths of receipts from sale of occupancy rights in lands, etc.	...	393
...	...	...	...	2,77,576	...	...	...	...	...	...	...	Total, Begári Canals District ...	77,913	45,863
												SHIKA'RPUR CANALS DISTRICT.		
...	...	...	...	7,851	...	...	...	...	...	...	...	Works in connection with the Improvements of Garkinowah—Original Works.	2,000	...
												Raising to full bund section the Right Bank of Colonel Fife's Channel along its length between the front Sukkur Begári Bund and the Adurtakio loop—Original Works.	4,350	...
...	...	...	...	2,85,427	...	...	...	...	...	...	...	Constructing two sluices over the heads of forest Karias *ex* Koraiwah—Original Works.	363	...
												Constructing a loop to Sukkur Begári Bund mile 4—6 to 7—4 (Garanj Loop)—Repairs.	8,007	...
												Constructing a loop to Sukkur Begári Bund mile 7—2 to 13—4 (Land compensation) and Sarfar loop—Repairs.	58,373	...
												Constructing a new loop to Sukkur Begári Bund from mile 16—4 to 19 (1913 loop)—Repairs.	10,916	...
1,13,559	19,13,446	2,89,929	46,39,764	3,13,21,766	...	...	...	...	...	...	...	Constructing a loop to Sukkur Begári Bund mile 17—6 to 21—4—Repairs.	6	...
												Compensation for land in connection with the loop to Sukkur Begári Bund—Repairs.	14,836	...
6,121	71,215	14,876	1,99,633	10,73,748	...	...	...	...	...	...	...	Constructing Public Works Inspection Bungalow at Chaek near the Rajib Canal—Repairs.	302	...
												Constucting bund across Doras above Sukkur in connection with the training of River Indus—Repairs.	1,318	...
1,24,680	19,84,661	3,04,805	48,39,397	3,23,95,514	...	...	...	...	...	...	...	Bunds along the boundary of Garhi Hakim Forest along channel 1, 1915-16—Repairs.	72	...
												Forest sluice, *ex* mile 8—6 of Channel, No. 1—Repairs.	5	...
												Recording floods through Railway bridges between Rohri and Rati for the year 1915—Repairs.	946	...
												Sukkur Begari Bund—Original Works.	3,064	...
												Bunds Rohri District. Original Works .	1,434	...
												Bunds Rohri District. Repairs ...	335	...
												Garkinowah Bunds—Repairs ...	589	...
												Bunds in Shikárpur Canals District—Repairs.	44,773	...
												Mahiwah ... Original Works .	88	...
												Mahiwah ... Repairs ...	10,057	...
												Establishment ... Direction ...	3,009	...
1,529	45,095	1,159	74,988	2,62,691	13,325	17,701	11,088	1,394	13,327	779	57,614	Establishment ... Executive ...	10,883	...
												Tools and Plant	856	...
												Suspense Account	32	...
31,416	7,49,487	41,232	18,32,618	48,75,070	5,17,999	9,82,712	4,19,801	2,27,695	3,13,281	65,621	25,27,109	Share of collection charges	10,203	...
												Direct Receipts	...	3,247
												Irrigation share of Land Revenue ...	...	1,39,655
33,245	7,94,582	42,391	19,07,631	51,37,761	5,31,324	10,00,413	4,30,889	2,29,089	3,26,608	66,400	25,84,723	Four per cent. on 9/10ths of receipts from sale of occupancy rights on lands, etc.	...	1,685
												Total, Shikárpur Canals District ...	1,86,847	1,35,587
												GHAR CANALS DISTRICT.		
												Ghar Bunds—Repairs	9,293	...
												Ghar Canal—Repairs	4,135	...
												Sukkur Canal—Repairs	4,021	...
												Establishment ... Direction ...	633	...
92,346	16,87,002	7,560	26,09,918	79,19,086	...	...	...	...	...	...	...	Establishment ... Executive ...	3,113	...
												Tools and Plant	139	...
												Suspense Account	—1	...
												Share of collection charges	22,184	...
												Direct Receipts...	...	171
												Irrigation share of Land Revenue ...	...	2,22,790
10 06,162	1,73,04,552	4,50,177	5,53,75,16[illegible]	1,30,30,931	...	...	...	...	...	...	...	Four per cent. on 9/10ths of receipts from sale of occupancy rights on lands, etc.	...	28
												Total, Ghar Canals District ...	43,517	2,22,989
10,93,508	1,89,91,554	4,57,737	5,79,85,085	12,18,50,017	...	...	...	...	...	...	...	Carried over ...	3,08,277	4,04,439

General Abstract of Financial Results of Irrigation

	MAJOR WORKS—PRODUCTIVE WORKS.											MINOR WORKS AND NAVIGATION—AND REVENUE ACCOUNTS				
	In operation.								Under Construction.	Work not started.	Total.	Works				
	Desert Canal.	Unharwáh.	Begári Canal.	Mahiwáh.	Eastern Nára Works.	Jámráó Canal.	Dád Canal.	Nasrat Canal.	Naulakhi Canal.	Sukkur Barrage works.		Sukkur Canal.	Ghár Canal.	Sattah Canal.	Alibhar Kacheri Canal.	Marak Great Canal.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Working Expenses.																
During year { Direct ..	1,08,695	49,681	1,71,344	53,923	2,43,682	3,50,817	83,340	1,19,390	...	...	11,80,872	93,912	2,24,068	6,870	—2,112	24,602
During year { Indirect...	3,349	1,356	5,527	523	4,457	20,557	2,237	3,324	...	...	41,330	2,247	4,896	57	10	827
Total ..	1,12,044	51,037	1,76,871	54,446	2,48,139	3,71,374	85,577	1,22,714	...	...	12,22,202	96,159	2,28,964	6,927	—2,102	25,429
To end of year. { Direct ..	34,63,577	11,64,634	51,42,030	6,59,939	69,98,181	45,58,576	12,02,156	11,95,995	...	...	2,43,85,088	24,76,311	78,89,382	1,13,894	88,652	8,91,497
To end of year. { Indirect ...	73,919	19,555	1,14,953	5,678	2,25,330	2,61,353	27,391	27,670	...	...	7,55,849	70,992	1,96,663	1,081	3,447	27,513
Total ..	35,37,496	11,84,189	52,56,983	6,65,617	72,23,511	48,19,929	12,29,547	12,23,665	...	...	2,51,40,937	25,47,303	80,86,045	1,14,885	92,099	9,19,010
Net Revenue.																
During year ...	2,82,978	1,37,185	4,16,388	—26,490	4,43,084	6,46,055	65,107	53,623	...	...	20,07,928	85,514	5,03,808	—1,473	11,751	82,433
To end of year ...	45,72,399	26,02,288	1,01,43,941	2,82,759	1,36,39,804	59,68,461	6,84,101	8,30,242	...	...	3,87,23,995	26,38,937	2,07,79,852	15,958	2,11,137	20,32,010

Works in Sind for, and to end of, 1915-1916—continued.

WORKS FOR WHICH CAPITAL ARE KEPT.					MINOR WORKS AND NAVIGATION—WORKS FOR WHICH ONLY REVENUE ACCOUNTS ARE KEPT.						
in operation.											
Sur-frazwah.	Fuleli Canal.	Hasan-ali Canal.	Total.	Grand Total.	Shikárpur Canals District.	Western Nára District.	Karáchi Canals District.	Nasrat Canals District.	Hyder-abad Canals District.	Fuleli Canals District	Total.
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
17,131	2,24,114	14,978	6,03,553	17,84,430	1,94,451	2,86,698	2,16,598	1,28,451	1,32,091	32,647	9,90,936
715	6,923	436	16,111	57,441	...	...	...	...	...	...	...
17,846	2,31,037	15,409	6,19,669	18,41,871	1,94,451	2,86,698	2,16,598	1,28,451	1,32,091	32,647	9,90,936
5,55,682	81,81,364	2,53,763	2,04,50,455	4,48,35,543	...	...	...	...	...	...	...
18,432	2,48,181	7,867	5,74,176	13,30,025	...	...	...	...	...	...	...
5,74,114	84,29,545	2,61,630	2,10,24,631	4,61,65,568	...	...	...	...	...	...	...
15,399	5,63,545	26,982	12,87,962	32,95,899	3,36,873	7,13,715	2,14,291	1,00,688	1,94,517	33,753	15,93,787
5,24,391	1,05,62,009	1,98,707	3,69,60,454	7,56,84,449	...	...	...	...	...	...	...

Expenditure on and Receipts from Agricultural Works for which neither Capital nor Revenue Accounts are kept.

	Expenditure.	Receipts.
	Rs.	Rs.
Brought over ...	3,08,277	4,04,439
KARÁCHI CANALS DISTRICT.		
Constructing Public Works Inspection Bungalow at Gungri on the Mulehand Shahbunder Bund—Original Works.	7,965	...
Raising Baghar Uchito Bund—Original Works.	7,281	...
Raising Sonda Hilaya Bund—Original Works.	12,282	...
Constructing Store-room to Second Class Inspection Bungalow at Aghimani—Original Works.	649	...
Constructing out-houses to First Class Inspection Bungalow at Aghimani—Original Works.	3,512	...
Providing trellis work in verandah openings of the Telegraph offices at Pinyari, etc., in Karáchi Canals District—Original Works.	581	...
Constructing Public Works Inspection Bungalow, Class I, at Guleli mile 11—6 of the Baghar Uchito Bund—Original Works.	16,326	...
Constructing a baulkshed at each of the places along the Kokewari Bund at mile 6—7 and 8—7—Original Works.	209	...
Bunds Right Bank ... Repairs ...	76,008	...
Bunds Left Bank ... Do. ...	1,03,149	...
Suttah Canal ... Original Works ...	1,994	...
Suttah Canal ... Repairs ...	4,267	...
Establishment. Direction ...	10,470	...
Establishment. Executive ...	39,628	...
Tools and plant	3,592	...
Suspense Account	—704	...
Share of collection charges	2,376	...
Direct Receipts	...	2,016
Irrigation share of Land Revenue ...	...	36,646
Four per cent. on 9/10ths of receipts from sale of occupancy rights on lands, etc.	...	501
Total, Karáchi Canals District ...	2,89,385	39,163
KARA'CHI BUILDINGS DISTRICT.		
Making surveys on the Indus—Original Works.	31,441	...
Putting up an automatic gauge in the well at Bukkur.	10	...
Surveying and demarcating the boundary line of the central passage of the River Indus—Original Works.	588	...
Constructing a recess for cash safe in the office of the Sub-Engineer Indus River Commission at Kotri—Original Works.	25	...
Maintenance of steamers, gauges and snagging the Indus and measuring discharges at Deragazikhan—Repairs.	22,208	...
Renewing the new gauge at Mirs Tando and strengthening those at Mirs Tando Naichani and Korokhanis—Repairs.	219	...
Store-room at Sukkur—Repairs ...	72	...
Indus River Commission office at Kotri—Repairs.	216	...
Excavating a trench in front of the gauge at Kotri—Repairs.	63	...
Magazine at Kotri—Repairs ...	45	...
Irrigation gauges at Sukkur—Repairs.	144	...
Beacons at Seer, Rajur, Mull, Tharusian, etc.,—Repairs.	138	...
Mathematical Instrument Depôt. Establishment (Executive).	1,083	...
Mathematical Instrument Depôt. Tools and Plant.	12,633	...
Mathematical Instrument Depôt. Suspense ...	—343	...
Establishment ... Direction ..	1,033	...
Establishment ... Executive ...	1,03,421	...
Tools and plant	5,887	...
Suspense Account	—129	...
Share of collection charges	...	...
Direct Receipts	...	2,056
Irrigation share of land revenue ...	...	...
Four per cent. on 9/10ths of receipts from sale of occupancy rights on lands, etc.	...	...
Total, Karáchi Buildings District...	1,78,759	2,056
Carried over ...	7,76,421	4,45,658

General Abstract of Financial Results of Irrigation

	MAJOR WORKS—PRODUCTIVE WORKS.											MINOR WORKS AND NAVIGATION—AND REVENUE ACCOUNTS				
	In operation.								Under construction.	Work not started.	Total.	Works				
	Desert Canal.	Unharwáh	Begári Canal.	Mahi-wáh.	Eastern Nára Works.	Jámráo Canal.	Dád Canal.	Nasrat Canal.	Naulakhi Canal.	Sukkur Barrage work.		Sukkur Canal.	Ghár Canal.	Suttah Canal.	Alibhar Kacheri Canal.	Marak Great Canal.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Simple Interest.																
During year ...	91,705	26,670	82,383	47,864	2,33,191	2,87,799	88,694	63,259	178	—10	9,21,713	...	...	...	...	...
To end of year ...	24,91,100	6,53,112	28,57,963	6,43,522	97,01,069	52,53,435	13,14,712	8,55,551	2,269	—25	2,37,72,758	...	...	...	...	...

Works in Sind for, and to end of, 1915-1916—continued.

WORKS FOR WHICH CAPITAL ACCOUNT IS KEPT.				Grand Total.	MINOR WORKS AND NAVIGATION—WORKS FOR WHICH ONLY REVENUE ACCOUNTS ARE KEPT.							Expenditure on and Receipts from Agricultural Works for which neither Capital nor Revenue Accounts are kept.		
Operation.														
Sukkur Barrage.	Fuleli Canal.	Hasanali Canal.	Total.		Shikarpur Canals District.	Western Nara District.	Karachi Canals District.	Nasrat Canals District.	Hyderabad Canals District.	Fuleli Canals District.	Total.		Expenditure.	Receipts.
												Brought over ...	Rs. 7,76,421	Rs. 4,45,0 8
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	WESTERN NARA DISTRICT.		
												Constructing Public Works Inspection Bungalow, Class II, at mile 29'4 of Western Nara Bund—Original Works	751	...
												Constructing a Public Works Inspection Bungalow, Class II, at Gagidero on the Western Nara Bund—Original Works.	2,499	...
												Raising and strengthening the Mirpur Batho and Manjhand Bund—Original Works.	4,202	...
												Linking up Batho and Manjhand Bunds—Original Works.	213	...
												Extension of Western Nara Bunds from mile 69/1 to 80/1—Original Works.	26,858	...
...	...	...	...	...	...	...	...	...	...	...	...	Extension of Western Nara Bunds from Phitawah to Sehwan—Original Work.	78,071	...
												Western Nara Bunds. { Original Works ... / Repairs	3,166 / 21,333	... / ...
												Manjhand Bunds. { Original Works ... / Repairs	643 / 6,512	... / ...
												Establishment ... { Direction ... / Executive ...	5,295 / 20,003	... / ...
												Tools and Plant	1,776	...
												Suspense Account	1,036	...
												Share of collection charges	500	...
												Direct Receipts	...	736
												Irrigation share of Land Revenue ...	...	8,341
												Four per cent. on 9/10ths of receipts from sale of occupancy rights on lands, etc.	...	20
												Total, Western Nara District ...	1,72,858	9,097
												NASRAT CANALS DISTRICT.		
												Constructing a bund across the Mikaro Dhoro in Sakrand Taluka—Original Works.	74	...
												Constructing a bund across Kambhoo Dharo and near Laswah—Original Works.	4,726	...
												Constructing a small dam across a Dharo in Deh Kaka Taluka Sakrand—Original Works.	100	...
												Bunds in the Nasrat Canals District—Repairs.	4,297	...
												Canal Chowki at Dawlatpur—Repairs.	531	...
												Stores required for the upkeep of River bunds in Nasrat Canals District—Repairs.	10	...
												Providing fencing of babul trenches round the bench marks and cutting jungle and renewing nick in the centre line whereever necessary of Rohri-Hyderabad Canals in Naushahro Sub-Division—Repairs.	155	...
...	...	...	...	...	...	...	...	...	...	...	...	Providing babul stakes fencing round the bench mark stones of Rohri-Hyderabad Canals in Upper Dad Sub-Division—Repairs.	26	...
												Dad Canal ... { Original Works. / Repairs	4,608 / 23,211	... / ...
												Nasrat Canal ... { Original Works. / Repairs	196 / 10,709	... / ...
												Establishment ... { Direction ... / Executive ...	2,324 / 10,799	... / ...
												Tools and Plant	343	...
												Suspense Account	—277	...
												Share of collection charges	13,115	...
												Direct Receipts	...	3,569
												Irrigation share of Land Revenue ...	...	1,52 225
												Four per cent. on 9/10ths of receipts from sale of occupancy rights on lands, etc.	...	996
												Total, Nasrat Canals District ..	74,947	1,56,790
												Carried over ...	10,24,226	6,11,545

General Abstract of Financial Results of Irrigation

	MAJOR WORKS—PRODUCTIVE WORKS.											MINOR WORKS AND NAVIGATION—AND REVENUE ACCOUNTS				
	In operation.								Under construction.	Work not started.	Total.	Work				
	Desert Canal.	Unharwáh	Begári Canal.	Mabiwáh.	Eastern Nára Works.	Jámráo Canal.	Dád Canal.	Nasrat Canal.	Naulakhi Canal.	Sukkur Barrage.		Sukkur Canal.	Ghár Canal.	Suttah Canal.	Alibhar Kacheri Canal.	Marak Great Canal.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Net profit after paying off Interest																
During year ...	1,91,273	1,00,515	3,34,023	—74,354	2,09,893	3,58,256	—23,537	—9,636	—178	10	10,86,215	...	...	...	...	...
To end of year ...	20,81,299	19,49,176	72,85,978	—3,60,763	39,38,735	7,14,976	—6,30,611	—25,309	—2,269	25	1,49,51,237	...	...	...	...	...

Works in Sind for, and to end of, 1915-1916—concluded.

WORKS FOR WHICH CAPITAL ARE KEPT.					MINOR WORKS AND NAVIGATION—WORKS FOR WHICH ONLY REVENUE ACCOUNTS ARE KEPT.						
In operation.											
Sarfrazwah.	Fuleli Canal.	Hasanali Canal.	Total.	Grand Total.	Shikárpur Canals District.	Western Nára District.	Karáchi Canals District.	Nasrat Canals District.	Hyderabad Canals District.	Fuleli Canals District.	Total.
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
...	...	...	...	...	...	...	...	...	...	...	...

Expenditure on and Receipts from Agricultural Works for which neither Capital nor Revenue Accounts are kept.	Expenditure.	Receipts.
	Rs.	Rs.
Brought over ...	10,24,220	6,11,545
HYDERABAD CANALS DISTRICT.		
Renwah Bunds—Repairs	2,663	...
Alibhar Kacheri—Repairs	5,988	...
Marak Great Canal—Repairs ...	13,967	...
Sarfrazwah—Repairs	4,557	...
Establishment { Direction ...	1,042	...
Establishment { Executive	5,133	...
Tools and Plant	40	...
Suspense Account	...	...
Share of collection charges	9,575	...
Direct Receipts	...	17
Irrigation share of Land Revenue ...	...	95,748
Four per cent. on 9/10ths of receipts from sale of occupancy rights on lands, etc.	...	...
Total, Hyderabad Canals District...	42,989	95,765
FULELI CANALS DISTRICT.		
Constructing 2 sluices over cuts made through right and left embankments of Alibhar Head Regulator—Original Work.	1,056	...
Ghallian Bund—Original Work ...	1,794	...
River Bunds—Repairs ...	30,100	...
Fuleli Canal—Repairs	74,342	...
Hasanali Canal. { Original Works ...	817	...
Hasanali Canal. { Repairs	1,583	...
Establishment { Direction ...	5,257	...
Establishment { Executive	17,176	...
Tools and Plant	485	...
Suspense Account	249	...
Share of collection charges	24,872	...
Direct Receipts	...	479
Irrigation share of Land Revenue ...	...	2,50,250
Four per cent. on 9/10ths of receipts from sale of occupancy rights on lands, etc.	...	22
Total, Fuleli Canal District ...	1,58,231	2,50,751
EASTERN NÁRA DISTRICT.		
Share of collection charges	344	...
Direct Receipts	...	...
Irrigation share of Land Revenue ...	...	3,444
Four per cent. on 9/10ths of receipts from sale of occupancy rights on lands, etc.	...	...
Total, Eastern Nára District ...	344	3,444
JAMRAO CANAL DISTRICT.		
Direct receipts	...	1
Grand Total ...	12,25,790	9,61,506

E. M. COOK,
Accountant General, Bombay.

H 1453—50

STATEMENT

Statement of Area irrigated by Irrigation Works

Name of Canal.		Area Irrigated in Acres.			Net area irrigated after deducting area in which remissions were granted.			Number of days the canal was in flow.	
		Kharif.	Rabi.	Total.	Kharif.	Rabi.	Total.	Kharif.	Rabi.
1		2	3	4	5	6	7	8	9
		Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Days.	Days.
MAJOR WORKS.									
Productive Works.									
Shikárpur Canals District	Máhiwáh	36,022	20,939	56,961	35,855	20,903	56,758	122	
Begári Canals District.	Desert Canal	101,264	99,896	201,160	98,144	97,691	195,835	273	
	Unhárwáh	44,829	35,307	80,136	44,477	34,787	79,264	164	
	Begári Canal	181,119	127,929	309,048	179,540	125,917	305,457	201	
MINOR WORKS.									
Works for which Capital and Revenue Accounts are kept.									
Ghár Canals District.	Sukkur Canal ...	60,148	45,242	105,390	60,054	44,553	104,607	114	45
	Ghár Canal	186,959	112,357	299,316	183,708	111,907	295,615	164	
Karáchi Canals District.	Sattah Canal	10,455	508	10,963	10,426	508	10,934	107	
Works for which only Revenue Accounts are kept.									
Shikárpur District.	Canals in Rohri... ...	33,113	12,479	45,592	32,642	12,457	45,099	105	
	Canals Sind Canal	58,860	39,247	98,107	58,853	39,136	97,989	122	
	Rajib Canal	5,264	5,634	10,898	5,264	5,626	10,890	122	
	Chitti Canal	5,446	7,533	12,979	5,425	7,518	12,943	107	
	Garang Canal	3,290	5,218	8,508	3,290	5,176	8,466	107	
Western Nára District.	Western Nára including New Feeder and Pritchard.	185,028	121,348	306,376	180,867	118,522	299,389	158	
	Marvi	3,033	1,803	4,836	2,997	1,803	4,800	152	
	Dadu Canals	7,484	8,702	16,186	7,422	8,702	16,124	147	
	Phitta Canals	4,062	1,458	5,520	4,041	1,361	5,402	147	
	Chario Wahur (Aral) including Manchur.	4,510	12,195	16,705	4,345	10,838	15,183	110	
	Canals north of Kotri ...	8,110	3,218	11,328	7,178	3,030	10,208	82	
	Wahurwáh	1,071	415	1,486	1,071	405	1,476	107	
Karáchi Canals District.	Kalri	14,490	3,642	18,132	14,162	3,596	17,758	107	
	Pinyári	85,325	8,688	94,013	82,902	7,589	90,491	107	
	Baghar	27,385	7,287	34,672	25,436	7,228	32,664	107	
MAJOR WORKS.									
Productive Works.									
Jámráo Canal District.	Jámráo Canal	141,690	136,445	278,135	139,374	123,638	263,012	183	183
Nasrat Canals District.	Dád Canal	78,724	10,811	89,535	77,744	10,704	88,448	107	
	Nasrat Canal	76,740	5,922	82,662	74,490	5,414	79,904	107	
Eastern Nára District.	Mithráo Canal	99,907	29,458	129,365	97,549	29,242	126,791	168	168
	Thar Canal	54,058	9,405	63,463	52,577	9,305	61,882	214	
	Hiral Canal	11,477	5,768	17,245	11,477	5,593	17,070	183	144
	Khipro Canal	3,847	111	3,958	3,800	111	3,911	207	
MINOR WORKS.									
Works for which Capital and Revenue Accounts are kept.									
Hyderabad District.	Canals Alibhar Kacheri ...	11,843	721	12,564	11,822	718	12,540	122	
	Great Márak	61,340	5,719	67,059	61,146	5,523	66,669	122	
	Sarfraz	24,365	1,440	25,805	24,206	1,440	25,646	112	
Fuleli Canals District.	Fuleli Canal	346,521	70,449	416,970	344,861	70,360	415,221	183	183
	Hasanali Canal ..	17,252	693	17,945	17,192	693	17,885	152	
Works for which only Revenue Accounts are kept.									
Nasrat Canals District.	Mehrabwáh	10,836	365	11,201	10,650	359	11,009	100	
	Naulakhi	42,597	7,175	49,772	42,113	7,175	49,288	107	
	Dambro	13,540	1,647	15,187	13,540	1,647	15,187	98	

I-E.

in Sind during the year 1915-1916.

Average Discharge in cubic feet per second.				Area irrigated per cubic foot per second.				Δ = depth of water used on area irrigated.		Remarks.
At Head.		Utilized.		At Head.		Utilized.				
Kharif.	Rabi.	Kharif.	Rabi.	Kharif.	Rabi.	Kharif.	Rabi.	Kharif.	Rabi.	
10	11	12	13	14	15	16	17	18	19	20
C. ft.	C. ft.	C. ft.	C. ft.	Acres.	Acres.	Acres.	Acres.	Feet.	Feet.	
1,282		1,282		44		44		5·5		
1,719		1,719		113		113		4·8		
1,010		1,010		78		78		4·2		
3,288		3,288		93		93		4·3		
1,735 | 3,446	482	1,735 | 3,446	482	35 | 86	92	35 | 86	92	6·5 | 3·8	1·0	
762		762		14		14		15·3		
1,145		1,145		39		39		5·4		
2,308		2,308		42		42		5·8		
252		252		43		43		5·7		
188		188		69		69		3·1		
131		131		65		65		3·3		
4,299		(4,299—47) 4,252		70		70		4·5		—47 represents flow of Western Nára into Manchur Lake.
69		69		70		70		4·3		
258		258		62		62		4·7		
327		327 (903—32+67)		17		17		17·3		+67 represents flow from Western Nára.
903		938		17		16		13·8		—32 represents flow from the Lake to the River.
251		251		41		41		4·0		
40		40		37		37		5·8		
553		553		32		32		6·7		
2,987		2,987		30		30		7·1		
4,019		not known		8		not known		26·7		Excesive Δ due to large quantity of water running to waste into the sea.
2,257 |	1,378	2,257 |	1,378	62 |	90	62 |	90	5·9 |	4·0*	* During the rabi season 66,608 acres of cotton, a kharif crop, were also watered for a few months.
3,024		2,924†		29		30		7·1		† An average discharge of 100 cusecs was wasted at the tails of Dad and Yarowáh.
1,637		1,637		49		49		4·4		
1,993 | 1,188	388	1,993 | 1,188	388	49 | 52	75	49 | 52	75	6·0 | 8·2	4·5	
186 | 53	55	186 | 53	55	62 | 74	102	62 | 74	102	5·9 | 5·6	2·8	
233		233		54		54		4·5		
969		969		69		69		3·5		
465		465		55		55		4·1		
7,260 | 595	1,848	7,116 | 595	1,367	48 | 30	38	48 | 30	51	7·6 | 10·1	7·2	
112		112		98		98		2·0		
1,349		1,349		37		37		5·8		
553		553		27		27		7·0		

STATEMENT II-E.

Statement showing Incidence of Working Expenses on Assessed Revenue on Canals in Sind during the year 1915-1916.

Name of Canal.	Average discharge of the year at Canal Head in cubic feet per second.	Water-rate assessed during 1915-1916.					Gross Assessed Revenue from all sources.	Working Expenses, Direct and Indirect.	Area irrigated during the year.	Working Expenses.			90 per cent. of Net Consolidated Assessment.		Total Water-Rate, Direct and Indirect.	
		Occupiers.	Owners.	Total, Direct.	Indirect.	Total, Direct and Indirect.				Per cent. on Gross Revenue.	Per Acre irrigated.	Per cubic foot per second of discharge at Canal Head.	Per acre irrigated.	Per cubic foot per second of discharge at Canal Head.	Per acre irrigated.	Per cubic foot per second of discharge at Canal Head.
1	2	3	4	5	6	7	8	9	10*	11	12	13	14	15	16	17
Major Works.	C. ft.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Acres.							
Productive Works.																
Shikárpur District. — Canals — Mahiwáh ...	1,282	456	...	456	1,35,558	1,36,014	1,38,652	75,726	51,520	54·61	1·46	59·05	2·63	103·33	2·64	106·09
Begári Canals District. — Desert Canal ...	1,719	92,365	...	92,365	3,00,275	3,92,640	3,94,547	1,12,044	180,431	28·39	0·59	38·91	2·33	103·57	2·07	136·34
Begári Canals District. — Unharwáh ...	1,010	286	...	286	1,76,629	1,76,915	1,77,717	51,037	76,496	29·28	0·66	37·83	2·27	128·71	2·31	131·14
Begári Canals District. — Begári Canal ...	3,288	32,810	...	32,810	5,89,952	6,22,762	6,27,122	1,85,630	265,478	29·60	0·69	37·40	2·64	117·12	2·34	125·47
Jámráo Canal District. — Jámráo Canal ...	1,817	2,139	...	2,139	8,09,214	8,11,353	8,46,662	3,71,374	261,327	43·86	1·42	204·39	2·80	408·70	3·10	446·53
Nasrat Canals District. — Dad Canal ..	3,024	2,403	...	2,403	2,19,156	2,21,559	2,23,315	1,30,780	87,590	58·57	1·49	43·25	2·58	60·86	2·53	73·27
Nasrat Canals District. — Nasrat Canal ...	1,637	149	...	149	2,34,608	2,34,757	2,36,491	1,42,522	81,907	60·27	1·74	87·06	2·71	135·22	2·36	143·41
Eastern Nára District. — Mithráo Canal...	1,205	629	...	629	3,60,007	3,60,636	3,62,770	1,13,0 3	127,886	31·16	0·88	93·80	2·34	208·46	2·82	220·23
Eastern Nára District. — Thar Canal ...	1,188	1,656	...	1,656	1,76,511	1,78,167	1,78,850	37,103	61,317	20·80	0·60	31·31	3·02	148·32	2·91	149·97
Eastern Nára District. — Eastern Nára ...	...	943	...	943	80,330	81,273	87,545	78,738	48,699	89·94	1·62	...	1·76	...	1·67	...
Eastern Nára District. — Hiral Canal ...	128	...	...	...	54,142	54,142	54,824	19,519	16,907	35·60	1·16	152·49	3·08	405·05	3·22	422·99
Total Major Works ...	...	1,33,836	...	1,33,836	31,36,392	32,70,218	33,28,495	13,17,602	1,268,548	39·58	1·04	...	2·61	...	2·58	...
Minor Works.																
Works for which Capital and Revenue Accounts are kept.																
Ghár Canals District... — Sukkur Canal ...	2,217	1,392	...	1,392	2,62,168	2,63,560	2,65,488	1,09,521	76,501	41·25	1·43	49·40	3·54	117·87	3·44	118·88
Ghár Canals District... — Ghár Canal ...	3,446	3,373	...	3,373	8,41,957	8,45,330	8,58,516	2,47,805	207,411	28·86	1·19	71·91	4·34	242·14	4·07	245·30
Karáchi Canals District. — Sattah Canal ...	762	34	...	34	21,297	21,331	21,610	16,145	10,744	74·71	1·50	21·18	1·92	27·00	1·93	27·99
Hyderabad District. — Canals — Alibhar Kacheri	233	564	...	564	27,336	27,900	28,097	7,164	12,493	25·50	0·57	30·75	2·38	113·72	2·24	119·74
Hyderabad District. — Canals — Great Márak ...	969	2,430	...	2,430	1,61,767	1,64,197	1,64,875	48,834	65,049	29·62	0·75	50·40	2·68	163·43	2·52	169·45
Hyderabad District. — Canals — Sarfraz ...	465	1,338	...	1,338	51,122	52,510	53,139	25,667	23,077	48·31	1·00	55·20	2·25	107·16	2·05	112·92
Fuleli Canals District — Fuleli Canal ...	4,410	34,235	...	34,235	9,82,430	10,16,674	10,27,888	3,47,393	407,783	33·80	0·85	78 77	2·84	219·60	2·49	230·54
Fuleli Canals District — Hasanali Canal ..	595	497	...	497	46,811	47,308	47,619	18,867	17,086	39·62	1·07	31·71	2·77	77·75	2·67	79·51
Total Minor Works ...	...	43,913	...	43,913	23,04,897	24,38,810	24,67,223	8,21,461	823,314	33·29	0·99	...	3·29	...	2·96	...
Grand Total ...	...	1,77,749	...	1,77,749	55,31,279	57,09,028	57,95,718	21,39,063	2,091,862	36·90	1·02	...	2·88	...	2·73	...

* *Note.*—The figures of area given in this column are exclusive of Dubari cultivation.

STATEMENT III-E.

Statement of Quantity and Value of Crops irrigated in Sind during the year 1915-1916.

Description of Crops.	Begári Canals District.								
	Desert Canal.			Unhárwah.			Begári Canal.		
	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.
1	2	3	4	5	6	7	8	9	10
	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.
Kharif ... Rice ...	20,258	5,79,794	29	1,771	51,068	29	57,514	16,03,413	28
Kharif ... Jowári ...	30,147	10,23,249	34	6,696	3,01,732	45	76,644	19,98,550	26
Kharif ... Bájri ...	47,605	16,95,404	36	35,117	14,62,870	42	39,984	11,28,026	28
Kharif ... Cotton ...	23	1,337	58	6	298	50	11	437	40
Kharif ... Other crops ...	3,231	68,651	21	1,239	25,981	21	6,966	2,06,612	29
Kharif ... Total ...	101,264	33,68,435	33	44,829	18,41,949	41	181,119	49,37,038	27
Rabi ... Wheat ...	37,653	14,23,504	3	16,877	6,74,716	40	25,978	8,02,503	31
Rabi ... Barley ...	26	668	27	11	304	28	44	1,116	25
Rabi ... Oil-seeds ...	25,712	6,12,275	24	4,631	1,00,289	22	31,265	5,23,799	17
Rabi ... Other crops ...	36,505	6,66,677	19	13,788	1,36,322	10	70,642	12,77,211	18
Rabi ... Total ...	99,896	27,03,124	27	35,307	9,11,631	26	127,929	26,04,629	20
Total under both Heads ...	*201,160	60,71,559	30	80,136	27,53,580	34	*309,048	75,41,667	25

Description of Crops.	Begári Canals District—*concluded.*						Shikárpur Canals District.		
	Canals from Káshmor Bund.			Total.			Mahiwáh.		
	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.
1	11	12	13	14	15	16	17	18	19
	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.
Kharif ... Rice ...	71	1,716	24	79,614	22,35,991	28	7,063	1,92,121	27
Kharif ... Jowári ...	333	10,363	31	113,820	33,33,894	29	17,784	3,26,595	18
Kharif ... Bájri ...	2,286	63,270	28	124,992	43,49,570	35	10,248	1,94,169	19
Kharif ... Cotton ...	19	1,178	62	59	3,250	55	63	2,168	34
Kharif ... Other crops ...	127	692	5	11,563	3,01,936	26	864	13,741	16
Kharif ... Total ...	2,836	77,219	27	330,048	1,02,24,641	31	36,022	7,28,794	20
Rabi ... Wheat ...	1,738	59,903	34	82,246	29,60,626	36	15,539	3,55,959	23
Rabi ... Barley ...	8	203	25	89	2,291	26	52	875	17
Rabi ... Oil-seeds ...	57	646	11	61,665	12,37,009	20	592	8,540	14
Rabi ... Other crops ...	137	2,224	16	121,072	20,82,434	17	4,756	49,365	10
Rabi ... Total ...	1,940	62,976	32	265,072	62,82,360	24	20,939	4,14,739	20
Total under both Heads ...	4,776	1,40,195	29	595,120	1,65,07,001	28	56,961	11,43,533	20

* Excludes kharabo and uncultivated area assessed by the Political Agent as under ... ...

	Desert.			Begari.		
	Kharif. Acres.	Rabi. Acres.	Total. Acres.	Kharif. Acres.	Rabi. Acres.	Total. Acres.
	4,962	4,059	9,021	3,907	1,025	4,932

STATEMENT III-E—*continued.*

Description of Crops.	Shikárpur Canals District—*continued.*								
	Canals in Rohri.			Sind Canal.			Rajib Canal.		
	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.
1	20	21	22	23	24	25	26	27	28
	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.
Kharif — Rice	10,432	1,91,976	18	26,960	5,99,738	22	3,663	76,923	21
Kharif — Jowári	18,693	2,67,139	14	24,220	4,28,415	17	1,444	30,324	21
Kharif — Bájri	2,057	29,816	14	3,456	57,441	17	4	72	18
Kharif — Cotton	191	2,055	11	12	231	19	1	21	21
Kharif — Other crops	1,740	46,846	27	4,212	1,09,484	26	152	6,840	45
Kharif — Total	33,113	5,37,832	16	58,860	11,95,309	20	5,264	1,14,180	22
Rabi — Wheat	9,974	2,18,944	22	16,304	4,20,382	26	1,818	32,724	18
Rabi — Barley	36	806	22	62	989	16	...	...	...
Rabi — Oil-seeds	308	2,197	7	4,234	34,261	8	538	2,152	4
Rabi — Other crops	2,161	25,130	12	18,647	3,12,428	17	3,278	39,336	12
Rabi — Total	12,479	2,47,077	19	39,247	7,68,060	19	5,634	74,212	13
Total under both Heads	45,592	7,84,909	17	98,107	19,63,369	20	10,898	1,88,392	17

Description of Crops.	Shikárpur Canals District—*continued.*								
	Chitti Canal.			Garang Canal.			Bunds in Rohri.		
	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.
1	29	30	31	32	33	34	35	36	37
	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.
Kharif — Rice	3,169	66,549	21	1,190	24,990	21	...	...	...
Kharif — Jowári	1,919	40,299	21	1,896	39,816	21	68	816	12
Kharif — Bájri	35	630	18	82	1,476	18	1	12	12
Kharif — Cotton	...	...	...	...	...	...	...	...	...
Kharif — Other crops	323	14,535	45	122	5,490	45	7	140	20
Kharif — Total	5,446	1,22,013	22	3,290	71,772	21	76	968	13
Rabi — Wheat	2,065	37,170	18	2,656	46,208	17	50	800	16
Rabi — Barley	1	15	15	12	180	15	....	...	...
Rabi — Oil-seeds	684	2,736	4	251	1,004	4	...	...	...
Rabi — Other crops	4,783	57,396	12	2,299	27,588	12	...	...	...
Rabi — Total	7,533	97,317	13	5,218	74,980	14	50	800	16
Total under both Heads	12,979	2,19,330	17	8,508	1,46,752	17	126	1,768	14

STATEMENT III-E—*continued.*

Description of Crops.	Shikárpur Canals District—*concluded.*								
	Sukkur Begári Bund.			Kásimpur Bund.			Total.		
	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.
1	38	39	40	41	42	43	44	45	46
	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.
Kharif ... Rice ...	1,204	25,284	21	...	...	...	53,681	11,77,581	22
Kharif ... Jowári ...	1,706	35,766	21	515	7,725	15	68,245	11,76,895	17
Kharif ... Bájri ...	19	339	18	...	...	...	15,902	2,83,955	17
Kharif ... Cotton ...	1	21	21	...	...	...	268	4,496	16
Kharif ... Other crops ...	158	5,382	34	7	210	30	7,585	2,02,668	26
Kharif ... Total ...	3,088	66,792	22	522	7,935	15	145,681	28,45,595	19
Rabi ... Wheat ...	4,321	77,778	18	132	2,640	20	52,859	11,92,605	22
Rabi ... Barley ...	1	15	15	...	...	...	164	2,880	17
Rabi ... Oil-seeds ...	298	1,192	4	2	14	7	6,907	52,096	7
Rabi ... Other crops ...	2,587	31,116	12	11	110	10	38,522	5,42,469	14
Rabi ... Total ...	7,207	1,10,101	15	145	2,764	19	98,452	17,90,050	18
Total under both Heads ...	10,295	1,76,893	17	667	10,699	16	244,133	46,35,645	19

Description of Crops.	Ghár Canals District.								
	Sukkur Canal.			Ghár Canal.			Ghár Bunds.		
	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.
1	47	48	49	50	51	52	53	54	55
	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.
Kharif ... Rice ...	40,101	8,82,363	22	158,220	47,85,584	30	40	840	21
Kharif ... Jowári ...	16,521	3,01,835	18	24,183	4,88,417	20	97	1,965	20
Kharif ... Bájri ...	886	13,174	15	759	9,969	13	6	87	14
Kharif ... Cotton ...	7	320	46	9	260	29	...	...	...
Kharif ... Other crops ...	2,633	32,192	12	3,788	84,436	22	90	4,050	45
Kharif ... Total ...	60,148	12,30,884	20	186,959	53,68,666	29	233	6,942	30
Rabi ... Wheat ...	20,727	4,98,455	24	28,908	5,55,150	19	355	6,516	18
Rabi ... Barley ...	29	372	13	41	760	19	...	...	...
Rabi ... Oil-seeds ...	6,509	72,993	11	19,173	2,36,924	12	8	32	4
Rabi ... Other crops ...	17,977	2,06,906	12	64,235	12,85,313	20	61	732	12
Rabi ... Total ...	45,242	7,78,726	17	112,357	20,78,147	18	424	7,280	17
Total under both Heads ...	105,390	20,09,610	19	299,316	74,46,813	45	657	14,222	22

STATEMENT III-E—*continued.*

Description of Crops.		Ghár Canals District—*concld.*			Karachi Canals District.			Western Nára District.		
		Total.			Canals and Bunds.			Canals and Bunds.		
		Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.
1		56	57	58	59	60	61	62	63	64
		Acres.	Rs.	Rs.	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.
Kharif ...	Rice ...	198,361	56,69,787	29	202,834	59,16,085	29	153,583	42,44,197	27
	Jowári ...	40,801	7,92,217	19	888	8,593	10	50,570	12,91,228	26
	Bájri ...	1,651	23,230	14	3,519	62,673	18	7,442	1,82,402	25
	Cotton ...	16	580	36	1	64	64	95	995	10
	Other crops ...	6,511	1,20,678	19	4,924	72,052	15	3,970	89,577	23
	Total ...	247,340	66,06,492	27	212,166	60,59,467	27	215,660	58,08,399	27
Rabi ...	Wheat ...	49,990	10,60,121	21	140	3,228	23	46,779	15,14,946	32
	Barley ...	70	1,132	16	7,929	1,20,747	15	3,101	76,795	25
	Oil-seeds ...	25,690	3,09,949	12	8,850	87,234	10	30,606	6,77,935	22
	Other crops ...	82,273	14,92,951	18	22,486	3,85,428	17	69,056	15,59,386	22
	Total ...	158,023	28,64,153	18	39,405	5,96,637	15	149,542	38,20,062	26
Total under both Heads ...		405,363	94,70,645	23	251,571	66,56,104	26	365,202	96,28,461	26

Description of Crops.		Indus Right Bank Division.			Jámrao Canal District.			Eastern Nára District.		
		Total.			Jámráo Canal.			Nára Supply Channel.		
		Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.
1		65	66	67	68	69	70	71	72	73
		Acres.	Rs.	Rs.	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.
Kharif ...	Rice ...	688,073	1,92,43,641	28	4	72	18	6	120	20
	Jowári ...	274,324	66,02,827	24	6,317	66,422	11	1,033	15,495	15
	Bájri ...	153,506	49,01,830	32	61,269	6,74,670	11	39	585	15
	Cotton ...	439	9,325	21	66,608	15,94,897	24	1	18	18
	Other crops ...	34,553	7,86,911	23	7,492	65,637	9	90	2,700	30
	Total ...	1,150,895	3,15,44,594	27	141,690	24,01,698	17	1,169	18,918	6
Rabi ...	Wheat ...	232,014	67,31,526	29	118,092	16,15,708	14	6,030	1,20,600	20
	Barley ...	11,353	2,03,845	18	1,877	14,029	8	21	315	15
	Oil-seeds ...	133,718	23,64,223	18	3,264	18,744	6	253	1,771	7
	Other crops ...	333,409	60,53,668	18	13,212	1,24,755	9	1,340	13,400	10
	Total ...	710,494	1,53,53,262	22	136,445	17,73,236	13	7,644	1,36,086	18
Total under both Heads ...		1,861,389	4,68,97,856	25	278,135	41,74,934	15	8,813	1,55,004	18

STATEMENT III-E—*continued.*

EASTERN NÁRA DISTRICT—*continued.*

Description of Crops.	Eastern Nara.			Mithrao Canal.			Thar Canal.		
	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.
1	74	75	76	77	78	79	80	81	82
	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.
Kharif ... Rice ...	14,005	4,81,320	34	69,389	22,07,183	32	50,264	11,02,666	22
Jowári ...	119	1,829	15	640	8,623	13	183	4,148	23
Bájri ...	13,544	3,16,991	23	17,973	3,71,457	21	1,961	40,527	21
Cotton ...	723	35,657	49	11,190	5,21,368	47	897	29,153	33
Other crops...	253	5,958	24	715	18,319	26	753	20,033	27
Total ...	28,644	8,41,755	29	99,907	31,26,950	31	54,058	11,96,527	22
Rabi ... Wheat ...	5,090	82,336	16	27,201	4,56,113	17	4,964	1,28,444	26
Barley ...	118	1,412	12	124	1,275	10	306	4,905	16
Oil-seeds ...	1,762	10,327	6	1,171	8,747	7	2,406	21,715	9
Other crops...	2,619	50,964	19	962	20,670	21	1,729	43,431	25
Total ...	9,589	1,45,039	15	29,458	4,86,805	17	9,405	1,98,495	21
Total under both Heads ...	38,233	9,86,794	26	129,365	36,13,755	28	63,463	13,95,022	22

EASTERN NÁRA DISTRICT—*continued.*

Description of Crops.	Khipro Canal.			Hiral Canal.		
	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.
1	83	84	85	86	87	88
	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.
Kharif ... Rice ...	2,053	80,709	39	4,506	1,53,767	34
Jowári ...	2	28	14	21	268	13
Bájri ...	1,781	43,968	25	4,325	83,797	19
Cotton ...	.....	.....	...	1,800	96,000	53
Other crops...	11	275	25	825	27,251	33
Total ...	3,847	1,24,980	32	11,477	3,61,083	32
Rabi ... Wheat ...	58	1,030	18	5,367	92,581	17
Barley ...	1	13	13	25	223	9
Oil-seeds ...	49	368	8	272	1,938	7
Other crops...	3	75	25	104	1,956	19
Total ...	111	1,486	13	5,768	96,698	17
Total under both Heads ...	3,958	1,26,466	32	17,245	4,57,781	26

STATEMENT III-E—*concluded.*

Description of Crops.	Eastern Nára District—*concld.*			Nasrat Canals District.					
	Total.			Dad Canal.			Nasrat Canal.		
	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.
1	89	90	91	92	93	94	95	96	97
	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.
Kharif — Rice	140,223	40,25,765	29	10,896	2,53,572	23	152	1,445	10
Kharif — Jowári	1,998	30,391	15	30,007	5,81,582	19	44,452	5,53,322	12
Kharif — Bájri	39,623	8,57,325	22	27,542	7,50,105	27	16,175	1,97,650	12
Kharif — Cotton	14,611	6,82,196	47	4,065	1,69,324	42	8,526	3,92,712	46
Kharif — Other crops	2,647	74,536	28	6,214	1,90,566	31	6,435	2,60,573	40
Kharif — Total	199,102	56,70,213	28	78,724	19,45,149	25	75,740	14,05,702	18
Rabi — Wheat	48,710	8,81,104	18	4,037	88,411	22	2,080	61,847	30
Rabi — Barley	595	8,143	14	893	10,716	12	14	318	23
Rabi — Oil-seeds	5,913	44,866	8	3,777	46,135	12	3,176	37,984	12
Rabi — Other crops	6,757	1,30,496	19	2,104	46,108	22	652	6,818	10
Rabi — Total	61,975	10,64,609	17	10,811	1,91,370	18	5,922	1,06,967	18
Total under both Heads	261,077	67,34,822	26	89,535	21,36,519	24	81,662	15,12,669	18

Description of Crops.	Nasrat Canals District—*concluded.*						Hyderabad Canals District.		
	Other Canals.			Total.			Alibhar Kacheri.		
	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.
1	98	99	100	101	102	103	104	105	106
	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.
Kharif — Rice	5,372	80,184	15	16,420	3,35,201	20	547	12,058	22
Kharif — Jowári	52,551	7,38,638	14	128,010	18,73,542	15	1,318	29,439	22
Kharif — Bájri	12,297	1,93,115	16	56,014	11,40,870	20	8,008	2,39,248	30
Kharif — Cotton	806	12,386	15	13,397	5,74,422	43	1,792	57,360	32
Kharif — Other crops	2,516	65,157	26	15,165	5,16,296	34	178	7,383	41
Kharif — Total	73,542	10,89,480	15	229,006	44,40,331	19	11,843	3,45,488	29
Rabi — Wheat	8,836	1,98,446	22	14,953	3,48,704	23	472	8,426	18
Rabi — Barley	305	4,154	14	1,212	15,188	13	...	...	...
Rabi — Oil-seeds	2,106	18,836	9	9,059	1,02,955	11	114	1,376	12
Rabi — Other crops	982	24,114	25	3,738	77,040	21	135	3,147	23
Rabi — Total	12,229	2,45,550	20	28,962	5,43,887	19	721	12,949	18
Total under both Heads	85,771	13,35,030	16	257,968	49,84,218	19	12,564	3,58,437	29

STATEMENT III-E—*continued.*

Description of Crops.	Hyderabad Canals District—*continued.*								
	Great Márak.			Sarfraz.			Other Canals.		
	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.
1	107	108	109	110	111	112	113	114	115
	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.
Kharif ... Rice ...	3,817	1,03,315	27	1,523	31,324	21	1,629	15,250	9
Jowári ..	2,932	60,230	20	582	6,921	12	6,737	1,54,324	23
Bájri ...	37,611	9,80,530	26	17,987	2,20,005	12	93,322	18,97,092	20
Cotton ...	15,795	3,50,296	22	3,603	48,944	14	27,076	5,96,262	22
Other crops ...	1,125	23,485	21	670	10,962	16	4,750	1,29,409	27
Total ...	61,340	15,17,856	25	24,365	3,18,156	13	133,514	27,92,337	21
Rabi ... Wheat ...	2,002	39,752	20	645	17,018	26	4,286	86,793	20
Barley ...	2	33	17	1	8	8	11	265	24
Oil-seeds ...	1,021	10,756	10	94	1,159	12	2,458	40,796	17
Other crops ...	2,694	57,854	21	700	11,484	16	11,691	2,37,118	20
Total ...	5,719	1,08,395	19	1,440	29,669	21	18,446	3,64,972	20
Total under both Heads ...	67,059	16,26,251	24	25,805	3,47,825	13	151,960	31,57,309	21

Description of Crops.	Hyderabad Canals District—*concluded.*			Fuleli Canals District.					
	Total.			Fuleli Canal.			Hasanali Canal.		
	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.
1	116	117	118	119	120	121	122	123	124
	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.
Kharif ... Rice ...	7,516	1,61,947	22	258,316	81,30,017	31	14,512	5,22,432	36
Jowári ...	11,629	2,50,914	22	4,986	50,796	10	98	784	8
Bájri ...	156,928	33,36,875	21	64,247	6,60,184	10	2,449	22,041	9
Cotton ...	48,266	10,52,862	22	11,590	1,27,014	11	32	480	15
Other crops ...	6,723	1,71,239	25	7,382	1,64,439	22	161	6,521	41
Total ...	231,062	49,73,837	22	346,521	91,32,450	26	17,252	5,52,258	32
Rabi ... Wheat ...	7,405	1,51,989	21	23,941	6,10,364	25	76	2,736	36
Barley ...	14	306	22	2,608	52,541	20	52	936	18
Oil-seeds ...	3,687	54,087	15	23,263	4,16,716	18	458	4,122	9
Other crops ...	15,220	3,09,603	20	20,637	3,18,283	15	107	4,390	40
Total ...	26,326	5,15,985	20	70,449	13,97,904	20	693	12,184	18
Total under both Heads ...	257,388	54,89,822	21	416,970	1,05,30,354	25	17,945	5,64,442	31

STATEMENT III-E—*concluded.*

Description of Crops.	Fuleli Canals District—*concluded.*					
	Other Canals.			Total.		
	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.
	125	126	127	128	129	130
	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.
Kharif ... Rice ...	14,608	5,15,022	35	287,436	91,67,471	32
Kharif ... Jowári ...	407	3,986	10	5,491	55,566	10
Kharif ... Bájri ...	7,691	64,780	8	74,387	7,47,005	10
Kharif ... Cotton ...	326	3,913	12	11,948	1,31,407	11
Kharif ... Other crops ...	262	7,501	29	7,805	1,78,461	23
Kharif ... Total ...	23,294	5,95,202	26	387,067	1,02,79,910	23
Rabi ... Wheat ...	562	15,331	27	24,579	6,28,431	26
Rabi ... Barley ...	327	5,346	16	2,987	58,823	20
Rabi ... Oil-seeds ...	1,287	11,896	9	25,008	4,32,734	17
Rabi ... Other crops ...	1,503	18,367	12	22,247	3,41,040	15
Rabi ... Total ...	3,679	50,940	14	74,821	14,61,028	20
Total under both Heads ...	26,973	6,46,142	24	461,888	1,17,40,938	25

Description of Crops.	Indus Left Bank Division. Total.			Grand Total for Sind.		
	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.
1	131	132	133	134	135	136
	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.
Kharif ... Rice ...	451,599	1,36,90,456	30	1,139,672	3,29,34,097	28
Kharif ... Jowári ...	153,445	22,76,835	15	427,769	88,79,662	20
Kharif ... Bájri ...	388,221	67,56,745	18	541,727	1,16,58,575	21
Kharif ... Cotton ...	154,830	40,35,784	26	155,269	40,45,169	26
Kharif ... Other crops ...	39,832	10,06,169	25	74,385	17,93,080	24
Kharif ... Total ...	1,187,927	2,77,65,989	23	2,338,822	5,93,10,583	25
Rabi ... Wheat ...	213,739	36,25,936	17	445,753	1,03,57,462	23
Rabi ... Barley ...	6,685	96,489	14	18,038	3,00,334	11
Rabi ... Oil-seeds ...	46,931	6,53,386	14	180,649	30,17,609	11
Rabi ... Other crops ...	61,174	9,82,934	16	394,583	70,36,602	18
Rabi ... Total ...	328,529	53,58,745	16	1,039,023	2,07,12,007	19
Total under both Heads ...	1,516,456	3,31,24,734	22	3,377,845	8,00,22,590	23

STATEMENT IV-E.

STATEMENT

Comparative Statement of Irrigation and Rainfall for

Civil District	Of the Civil District.			Works supplying Irrigation.		Culturable Area commanded by the Irrigation Works in Acres.
	Total Area in Acres.	Culturable Area in Acres.	Cultivated Area in Acres.	No.	Name.	
1	2	3	4	5	6	7
	Acres.	Acres.	Acres.			Acres.
Khelat ...	513,195	276,920	109,737	1	Desert Canal	101,493
				2	Begári Canal	180,000
					Total ...	281,493
Upper Sind Frontier.	1,174,850	1,066,011	472,006	3	Desert Canal	287,492
				4	Unharwáh	214,056
				5	Begári Canal	416,887
				6	Canals from Kashmor Bund ...	32,000
				7	Sukkur Canal	50,560
				8	Ghár Canal	53,772
				9	Sind Canal	4,121
				10	Canals in Rohri	272
					Total ...	1,059,160
Sukkur Collectorate.	3,584,076	1,924,248	348,513	11	Begári Canal	83,334
				12	Sukkur Canal	58,056
				13	Ghár Canal	942
				14	Ghár Bunds	2,940
				15	Mahiwáh	145,445
				16	Sind Canal	186,919
				17	Canals in Rohri	146,498
				18	Garang Canal	17,900
				19	Rajib Canal	12,400
				20	Chitti Canal	18,200
				21	Bunds in Rohri	450
				22	Sukkur-Begári Bund	19,268
				23	Kásimpur Bund	5,000
				24	Nára Supply Channel	25,000
					Total ...	722,352
Lárkána Collectorate.	1,770,733	1,203,323	209,755	25	Begári Canal	180
				26	Sukkur Canal	60,623
				27	Ghár Canal	400,232
				28	Ghár Bunds	229
				29	Sind Canal	60
				30	Western Nára	385,254
				31	New Feeder	1,600
				32	Pritchard Canal	20,441
				33	Wahurwah	7,000
				34	Marvi	15,021
				35	Dádu Canals	30,654
				36	Phitta Canal	17,460
				37	Manchar	32,718
				38	Aral	11,000
				39	Nára Bunds	8,969
					Total ...	991,441
Karáchi Collectorate.	5,498,556	1,863,867	266,692	40	Canals north of Kotri	21,780
				41	Bunds north of Kotri	1,150
				42	Kalri	36,130
				43	Baghar	67,158
				44	Indus Canals, Right Bank	80,546
				45	Pinyári	138,002
				46	Indus Canals, Left Bank	147,391
				47	Sattah	60,976
				48	Bunds, Right Bank	9,740
				49	Bunds, Left Bank	23,520
				50	Other Canals (Mulchand)	14,500
					Total ...	600,893

IV-E.

the years 1914-1915 and 1915-1916 in Sind.

Area at present estimated as annually irrigated by the works, in Acres.	Area irrigated in Acres.						Rainfall.		Remarks.
	1914-1915.			1915-1916.			1914-1915.	1915-1916.	
	Kharif.	Rabi.	Total.	Kharif.	Rabi.	Total.			
8	9	10	11	12	13	14	15	16	17
Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Ins. cts.	Ins. cts.	
65,000	30,746	29,600	60,346	26,127	37,161	63,288	6 45	3 08	Excludes Kharába and uncultivated areas assessed by the Political Agent as under:—
30,000	23,277	2,969	26,246	23,828	6,081	29,909	5 77	3 05	
95,000	54,023	32,569	86,592	49,955	43,242	93,197			Kharif. Rabi. Total. Desert Canal. 4,962 4,059 9,021 Begari Canal. 3,907 1,025 4,932
130,000	95,059	58,245	153,304	75,137	62,735	137,872	6 45	3 08	
70,000	47,858	30,551	78,409	44,829	35,307	80,136	4 46	4 74	
200,000	134,379	91,855	226,234	120,925	1,03,071	223,996	5 77	3 05	
4,000	3,045	3,866	6,911	2,836	1,940	4,776	7 81	3 22	
36,587	9,084	9,951	19,035	7,899	5,627	13,526	3 40	1 72	
20,185	9,822	5,320	15,142	9,208	2,492	11,700	3 40	1 72	
...	64	...	64	...	...	...	...	...	
...	...	...	...	...	...	...	...	...	
460,772	299,311	199,788	499,099	260,834	211,172	472,006			
50,000	43,485	16,084	59,569	36,323	18,777	55,100	5 77	...	
49,166	20,329	10,805	31,134	18,131	12,880	31,011	1 87	0 62	
550	371	122	493	133	46	179	2 3	0 79	
1,900	810	610	1,420	219	424	643	2 3	0 79	
99,000	45,507	29,114	74,621	36,022	20,939	56,961			
111,372	59,309	40,371	99,680	58,860	39,247	98,107			
82,968	41,855	27,810	69,665	33,113	12,479	45,592			
9,500	3,136	6,649	9,785	3,290	5,218	8,508			
11,300	5,799	5,579	11,378	5,264	5,634	10,898	5 11	0 67	
14,500	5,021	6,554	11,575	5,446	7,533	12,979			
180	97	77	174	76	50	126			
13,000	3,902	7,897	11,799	3,088	7,207	10,295			
4,000	515	1,924	2,439	522	145	667			
23,000	870	11,689	12,559	1,169	7,644	8,813			
470,436	231,006	165,285	396,291	201,656	138,223	339,879			
125	125	...	125	43	...	43	5 77	...	
49,400	36,544	28,107	64,651	34,118	26,735	60,853	1 5	0 79	
276,530	215,374	158,263	373,937	177,618	109,819	287,437	1 14	1 10	
80	29	...	29	14	...	14	2 21	0 56	
30	...	...	...	...	...	...	...	...	
345,937	206,191	189,116	395,307	177,398	119,162	296,560			
1,500	811	102	913	790	121	911			
18,000	8,196	3,529	11,725	6,840	2,065	8,905			
5,900	1,364	2,897	4,261	1,071	415	1,486			
9,100	3,122	2,206	5,328	3,033	1,803	4,836	6 42	1 10	
21,550	6,899	14,139	21,038	7,484	8,702	16,186			
11,400	3,936	11,007	14,943	4,062	1,458	5,520			
26,500	2,217	24,975	27,192	1,734	8,030	9,764			
8,000	1,673	10,493	12,166	2,776	4,165	6,941			
7,246	2,604	1,857	4,461	1,805	331	2,136			
781,298	489,385	446,691	936,076	418,786	282,806	701,592			
12,963	9,075	10,521	19,596	8,110	3,218	11,328	...	...	
605	482	838	1,320	557	72	629	...	...	
25,260	14,076	9,001	23,077	14,490	3,642	18,132	4 81	0 82	
26,082	33,176	14,332	47,508	27,385	7,287	34,672	6 58	1 27	
31,479	22,894	5,435	28,329	23,120	14,175	37,295	4 23	1 16	
92,789	83,725	7,245	90,970	85,325	8,688	94,013	6 02	3 42	
57,634	41,958	2,311	44,269	39,917	3,052	42,969	6 42	3 61	
14,059	14,027	634	14,661	10,455	508	10,963	6 55	4 45	
4,986	4,242	1,634	5,876	5,211	1,331	6,542	5 45	1 46	
5,248	6,692	615	7,307	6,263	722	6,985	6 41	3 71	
3,205	3,342	327	3,669	2,614	550	3,164	...	6 62	
274,310	233,689	52,893	286,582	223,447	43,245	266,692			

STATEMENT

Civil District.	Of the Civil District.			Works supplying Irrigation.			Culturable Area commanded by the Irrigation Works, in Acres.
	Total Area in Acres.	Culturable Area in Acres.	Cultivated Area in Acres.	No.	Name.		
1	2	3	4	5	6		7
	Acres.	Acres.	Acres.				Acres.
Thar and Párkar Collectorate.	8,727,523	2,431,495	502,867	51	Jámráo Canal		590,042
				52	Eastern Nára		506,922
				53	Mithráo Canal		405,505
				54	Khipro Canal		33,845
				55	Thar Canal		136,000
				56	Hiral Canal		49,041
				57	Gháro Mahmudo		40,300
				58	Kari Shumali		26,600
						Total	1,788,255
Nawabshah Collectorate.	2,484,233	1,677,054	471,828	59	Jámráo Canal		201,458
				60	Mehrabwah		64,040
				61	Nasrat Canal		325,680
				62	Naulákhi		157,027
				63	Dámbro		42,076
				64	Dad Canal		362,068
				65	Renwah *		131,158
				66	Alibhar Kacheri		51,900
				67	Great Márak		(b)
				68	Gháro Mahmudo		(b)
				69	Other Canals		122,360
						Total	1,457,767
Hyderabad Collectorate.	2,830,983	2,041,915	501,170	70	Jámráo Canal		...
				71	Alibhar Kacheri		(c)
				72	Great Márak		238,400
				73	Gháro Mahmudo		270,700
				74	Sarfraz		139,400
				75	Kari Shumali		185,500
				76	Nasirwah		127,300
				77	Other Canals		530
				78	Fuleli Canal		1,437,500
				79	Hasanali Canal		84,000
				80	Other Canals		95,900
						Total	2,579,230
	26,584,149	12,484,833	3,182,568			Grand Total	9,480,591

IV-E—*concluded.*

Area at present estimated as annually irrigated by the works, in Acres.	Area irrigated in Acres.						Rainfall.		Remarks.
	1914-1915.			1915-1916.			1914-1915.	1915-1916.	
	Kharif.	Rabi.	Total.	Kharif.	Rabi.	Total.			
8	9	10	11	12	13	14	15	16	17
Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Ins. cts.	Ins. cts.	
196,680	123,334	76,090	199,424	106,276	110,963	217,239	4 93	5 61	
90,900	23,379	14,692	38,071	28,644	9,589	38,233	4 37	1 28	
143,500	108,093	23,409	131,502	99,907	29,458	129,365	4 26	1 46	
8,000	2,841	666	3,507	3,847	111	3,958	4 31	0 55	
50,000	49,753	7,875	57,628	54,058	9,405	63,463	6 11	2 25	
15,700	12,230	5,543	17,773	11,477	5,768	17,245	5 99	2 52	
(a)	5,809	184	5,993	5,676	172	5,848	3 92	0 33	(a) Included in Hyderabad Collectorate, separate figures not available.
(a)	3,984	236	4,219	4,257	181	4,438	3 92	0 33	
504,780	329,423	128,694	458,117	314,142	165,647	479,789			
67,155	45,742	14,334	60,076	35,396	25,482	60,878	3 38	3 39	
14,050	12,337	2,160	14,497	10,836	365	11,201	5 43	1 21	
90,400	80,602	8,334	88,936	76,740	5,922	82,662	3 81	1 3	
51,400	45,874	7,708	53,582	42,597	7,175	49,772	2 99	0 71	* Includes figures for Ren Distributary ex Dad also.
14,600	12,416	4,140	16,556	13,540	1,647	15,187	7 67	1 3	
94,000	83,479	30,520	113,999	78,724	10,811	89,535	5 24	1 24	
31,435	454	659	1,113	7,398	2,580	9,978	2 51	1 18	
18,300	10,920	5,473	16,393	10,024	520	10,544	2 49	1 18	
(b)	55,725	10,816	66,541	54,472	4,879	59,351	2 85	1 12	(b) Included in Hyderabad Collectorate, separate figures not available.
(b)	21,932	2,552	24,484	19,895	2,820	22,715	2 46	1 18	
65,100	10,514	9,538	20,052	7,445	3,343	10,788	3 58	1 11	
446,440	379,995	96,234	476,229	357,067	65,544	422,611			
...	4	54	58	18	...	18	...	...	
(c)	1,853	1,029	2,882	1,819	201	2,020	5 87	1 55	(c) Included in Nawabshah Collectorate, separate figures not available.
58,350	7,830	7,794	15,624	6,868	840	7,708	5 87	1 55	
68,200	46,413	9,644	56,057	42,368	7,737	50,105	4 38	1 00	
40,800	27,417	1,946	29,363	24,365	1,440	25,805	4 10	0 90	
43,000	33,407	2,017	35,424	29,887	1,687	31,574	4 36	1 00	
30,250	28,985	3,876	32,861	23,141	2,963	26,109	4 58	1 00	
(c)	54	...	54	16	...	16	...	...	
400,000	324,716	73,659	398,375	346,521	70,449	416,970	5 72	3 18	
30,000	17,746	484	18,230	17,252	693	17,945	6 5	3 42	
35,000	20,908	5,590	26,498	20,680	3,129	23,809	4 69	2 13	
705,600	509,333	106,093	615,426	512,935	89,144	602,079			
3,738,636	2,526,165	1,228,247	3,754,412	2,338,822	1,039,023	3,377,845			

H 1453—21.

BOMBAY: PRINTED AT THE GOVERNMENT CENTRAL PRESS.

NORTHERN DIVISION

BOMBAY PRESIDENCY

Scale 20 Miles to I Inch

1916

GUJARAT IRRIGATION DISTRICT.
WORKS IN OPERATION.
AHMEDABAD COLLECTORATE.

1 HATHMATI CANAL.
2 BOKH RESERVOIR.
3 PANAR DEDIASAN DRAINAGE.
4 VIRAMGAM DRAINAGE.
5 NARSINGPUR DRAINAGE.
6 GHODA FEEDER.
7 OGAN DRAIN.
8 DRAIN FROM GODHAVI TO GORAJ.
9 CHEKHALA DRAIN.
10 KHARI CUT.
11 CHANDOLA TANK.
12 VASAI RESERVOIR.

KAIRA COLLECTORATE.

13 KHARI SLUICES.
14 GOBHALAJ TANK.
15 GALKI TANK.
16 BHERAI RESERVOIR.
17 MATAR DRAIN.
18 TRANJA TANK.
19 NAGRAMA TANK.
20 ANAND MOGRI DRAIN.
21 KARAMSAD BRAIN.
22 SAIAT TANK.
23 SAULI TANK.
24 WANGROLI TANK.

PANCH MAHALS COLLECTORATE.

25 MANDELAV TANK.
26 RATNESWAR TANK.
27 MUWALIA TANK.
28 GARABADA TANK.
29 MALAO TANK.

INCOMPLET WORKS.
KAIRA COLLECTORATE.

30 PARIAJ TANK.
31 KANADHA TANK.
32 KANTHARIA TANK.

PANCHMAHALS COLLECTORATE.

33 KANSLAO TANK.
34 ORWADA TANK.
35 GUNELI TANK.
36 RAJAYATA WANDELI TANK.
37 DANGARIA TANK.
38 BODIDRA TANK.
39 VADA TALAO.
40 PUTELAO TANK.
41 CHHARCHODA AMBLI TANK.
42 SUKI RIVER PROJECT.

— BROACH DISTRICT —

NOTES

AHMEDABAD DISTRICT COLOURED RED

KAIRA DISTRICT COLOURED GREEN

PUNCH MAHALS DISTRICT COLOURED PURPLE

BROACH DISTRICT COLOURED BURNT SIENNA

SURAT DISTRICT COLOURED YELLOW OCHRE

— WORKS IN OPERATION —

1 KORA MADAPHER JATRAN DRAINAGE CHANNEL
2 HOBAR UMRA KOTASAR " "
3 NAMDHANA HOBAR " "
4 AMANPUR NADIAD " "
5 SINDHAV " "
6 WANSETTA " "
7 CHANNEL FROM UBER VILLAGE TO MEET THE CHANNEL NEAR DABHA
8 KOLVAN ITOLA DRAINAGE CHANNEL
9 GHAMNAD DRAINAGE CHANNEL INCLUDING DANDA & SIMALTHA
10 NIRUM CHANNEL
11 SAMADHPUR PANIADRA CHANNEL
12 PAKHAJAN AMBHEL "
13 NADIDA AKHOV "
14 JOLVA "
15 ORA VICHAD BADALPUR "
16 RAHAD "
17 WAGHUSAN DRAINAGE "
18 WASI "
19 AIDA NAJAT "
20 ASTA "
21 ASARSA RECLAMATION BUND
22 HANSOT " "

— SURAT DISTRICT —

— WORKS IN OPERATION —

23 MORTHAN CHANNEL
24 WAGHREJ PROTECTIVE WORKS

— EXECUTIVE ENGINEERS OFFICE. —
SURAT 7TH MAY 1916

— GUJRAT IRRIGATION OFFICE —
— AHMEDABAD 20TH MAY 1916 —

— EXECUTIVE ENGINEER —
— GUJARAT IRRIGATION DIST. —

EXECUTIVE ENGINEER
— SURAT & BROACH —

Govt Photozinco Office, Poona, 1916.

INDIA
CENTRAL PROV.
BERAR
GULF OF CAMBAY
ARABIAN SEA
KAIRA
CAMBAY
BARODA
CHOTA UDEPUR
GODHRA
DOHAD
JABUA
INDORE
To Agra
AMJHERA
DHAR
MHOW
BARIA
BROACH
BHAUNAGAR
SURAT
DHULIA
JALGAON
AURANGABAD
NASIK
AHMEDNAGAR
To Aurangabad
To Indore
To Burhanpur
To Nagpur
To Malkapur
To Akola
To Jalgaon
To Ahmednagar
To Nasik
To Bombay
To Ankleshwar
To Jambusar
To Dohad
To Godhra
To Ahmedabad
To Surat
To Bhusawal
To Chalisgaon
To Manmad
To Kopargaon
To Sangamner
To Rahuri
To Shevgaon
To Pachora
To Amalner
To Chopra
To Ravere
To Yaval
To Erandol
To Pardhi
To Bhadgaon
To Kanjgaon
To Chalisgaon
To Nandgaon
To Yeola
To Niphad
To Sinnar
To Igatpuri
To Vaitarna
To Tansa
To Vehar
To Kalwan
To Satana
To Malegaon
To Nandurbar
To Taloda
To Shahada
To Shirpur
To Sindkheda
To Dondaicha
To Shirpur
To Sakri
To Nandurbar
To Taloda
To Shahada
To Sindkheda
To Dhulia
To Amalner
To Jalgaon
To Bhusawal

BOMBAY
ALIBAG
MORUD
JANJIRA
Uran
Chaul
Roha
Mangaon
Mahad
Bankot
Harnai
Dapoli
Khed
Anjanwel
Jaigad
RATNAGIRI
Sangameshwar
Vishalgarh
Rajapur
Vizadurg
Kharepatan
Deogarh
Malwan
Vengurla
GOA
Marmugão
Bichohm
Khanapur
Bidi
Nawalgund
DHARWAR
Hubli
Gajendragarh
Ron
Badami
Bagalkot
Kaladgi
Muddebihal
Indi
Sindgi
BIJAPUR
Jath
Daphlapur
Athni
Sawdgi
Bagewari
Gundgi
Jamkhandi
Ramdurg
Torgal
Saundatti
Sampgaon
BELGAUM
Gokak
Chikori
Kagal
Baura
KOLHAPUR
Panhala
Malkapur
Vishalgarh
Alta
Shirol
Kurundwad
Ichalkaranji
Peth
Ashta
Islampur
Walwa
Sangli
Miraj
Tasgaon
Kavathe Mahankal
Chandelghat
Vita
Khanapur
Atpadi
Pusesavli
Patan
Karad
Chikhli
Washishti R.
Satara
Rahimatpur
Wathar
Mhasvad
Phaltan
Lonand
Shirval
Jejuri
Saswad
Supa
Baramati
Indapur
Vadgaon
Nira River
Bhoro
Poona
Khadakwasla
Sinhgad
Talegaon Dabhada
Talegaon Ramdhara
Lake Fife
Lake Whiting
Parner
Shrigonda
Karjat
Karmala
Jeur
Kadam
Sankhed
Tadvai
Barsi
Barsi Road Sta.
Madha
Natepute
Akluj
Mohol
Malsiras
Pandharpur
Modnimb
Sholapur
Akalkot
Mangalvedha
Sungola
Mardi
Bhima River
Kalyan
Kalyani
Basavakalyan
Humnabad
Bidar
Udgir
Kallam
Parbhani
Jintur
Manwat
Pathri
Sonpeth
Gangakhed
Sailu
Jalna
Ambad
Partur
Ghansawangi
Jafrabad
Mantha
Ambajogai
Kaij
Parli
Georai
Majalgaon
Beed
Ashti
Patoda
Shirur
Gevrai
Dharur

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INDEX MAP
OF
SIND
to accompany the Irrigation Administration Report
1915-16
Scale 16 Miles to an Inch
REFERENCES.
Canal District Boundaries shown thus
Canals
" New branches
" " " Under construction
Railway line
Bunds
" Under construction
River gauges
Place where rain gauges are located
BEGARI CANALS
GHARCANALS
SHIKARPUR CANALS
KHAIRPUR STATE
RAJPUTANA
WESTERN NARA
NASRAT CANALS
EASTERN NARA
JAMRAO CANAL
HYDERABAD CANALS
FULELI CANALS
KARACHI CANALS
ARABIAN SEA
RANN OF CUTCH
CUTCH
CUTCH
JACOBABAD
KASHMOR
KANDKOT
THUL
SHIKARPUR
GARHIYASIN
NAUSHAHRO
RAYODERO
SHAHDADKOT
KAMBAR
LARKANA
WARAH
BAKRAN
SUKKUR
ROHRI
PANO AKIL
GHOTKI
MIRPUR
KHAIRPUR
MEHAR
KHAIRPUR NATHESHAH
KANDIARO
PHARUSHAH
NAUSHAHRO
PADIDAN
DADU
JOH
MORO
MANCHUR LAKE
BERWAN
NAWABSHAH
LAKI
SAKRAND
SINJHORO
SANGHAR
MANJHAND
SHAHDADPUR
HALA
TANDO ADAM
SINDRI
KHIPRO
MATARI
MIRPURKHAS
TANDO ALAHYAR
KOTRI
HYDERABAD
THANA BULAKHAN
JAMESABAD
SAMARO
UMARKOT
CHACHRO
UHERSUK
TANDO MOHO KHAN
MATLI
KARACHI
JUNG SHAHI
TATTA
MIRPUR BATHORO
TANDO BAGO
MITTI
BADIN
SUJAWAL
MIRPUR SAKRO
KOTRI
ALLAHRAKHIO SHAH
MUGALBIN
ADIUN
KETI B.
NAGAR PARKAR
TO JODHPUR
J. B. R.
N. W. R.
FROM SIBI
Govt. Photozinco, Office, Poona. 1916.